

THE JOURNAL  
OF THE  
UNIVERSITY OF IOWA

The Alumni Record - - - May, 1916

PELLA, IOWA

# Central College

INCORPORATED CENTRAL UNIVERSITY OF IOWA

Established in 1853



## Catalog 1915-1916

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# The Alumni Record

May, 1916

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College Catalog 1915-1916  
Announcements for 1916-17

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Entered at Pella, Iowa, as Second-class Matter

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Vol. XV

Pella, Marion County, Iowa

No. 1

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# College Calendar

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1915

September 7\_\_\_\_\_Monday, registration begins  
September 9\_\_\_\_\_Wednesday, first semester begins  
November 24\_\_\_\_\_Wednesday, Thanksgiving Recess,  
\_\_\_\_\_begins at 12:00 noon  
November 29\_\_Monday. Recitations begin at 7:50 a. m.  
November 29\_\_\_\_\_Monday. Special Winter term begins  
December 17—Holiday Recess begins, at 12:00 noon

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1916

January 4\_\_Tuesday. Recitations begin at 7:50 a. m.  
January 25-27\_\_Tuesday, Wednesday, Thurs-  
day,\_\_\_\_\_Mid-Year Examinations  
January 28\_\_\_Friday, Registration for 2nd semester  
January 31\_\_Monday, second semester begins at 7:50  
March 5\_\_\_\_\_Friday. Special Winter Term ends  
March 24\_\_\_\_\_Friday, Spring Recess begins at 12:00 m.  
April 4\_\_\_\_\_Tuesday, Spring Recess ends at 7:50 a. m.  
May 30\_\_\_\_\_Tuesday. Memorial Day  
May 29-June 2 \_\_\_\_\_Monday-Friday,  
\_\_\_\_\_Final Examinations  
June 6-10\_\_\_\_\_Sunday-Thursday. Commencement Week  
Sept. 12\_\_\_\_\_Registration Begins  
Sept. 14\_\_\_\_\_First semester begins  
  
Nov. 30, 12:00 noon, to Dec. 5, 7:50 a. m.,  
Thanksgiving recess.  
Dec. 22, 12:00 noon\_\_\_\_\_Winter recess begins

## 1917

Jan. 9, 7:50 a. m.-----Winter recess ends  
Jan. 29,-Feb. 2,-----Mid-Year Examinations  
Feb. 2,--Final day of Registration for second semester  
Feb. 5, 7:50-----Second semester begins  
Feb. 22-----Day of Prayer for Colleges  
March 23-----12:00 noon, Spring recess begins  
April 3, 7:50 a. m.-----Spring recess ends  
May 30th-----Wednesday, Memorial Day  
June 4-8-----Final Examinations  
June 10-14-----Commencement Week



# Board of Trustees

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## OFFICERS OF THE BOARD

J. H. Johnson	President
R. R. Beard	Vice-President
Rev. R. R. Sadler	Secretary
H. J. Vanden Berg	Treasurer

## MEMBERS OF THE BOARD

### Term Expiring 1916

J. H. Johnson	Des Moines
G. G. Gaass	Pella
Rev. J. W. Bailey	Pella
E. E. Lewis	Sioux City
J. H. Cole	Miller, S. D.
Rev. J. F. Catlin	Estherville
Rev. A. C. Droz	Monroe
E. B. Ruckman	Knoxville
J. N. Dunn	Central City
P. G. Gaass	Pella
Rev. R. R. Sadler	Pella
W. A. Phillips	Washington
Rev. F. E. Weston	Mt. Pleasant

### Term Expiring 1917

H. J. Vanden Berg	Pella
Cyrenus Cole	Cedar Rapids
Wm. Livingston	Monroe
Rev. B. F. Patt	Ottumwa
R. R. Beard	Pella
Prof. F. M. Frush	Pella
A. C. Kuyper	Pella
G. D. Moffatt	Mt. Ayr
B. O. Worrell	Ottumwa

A. W. Chamberlin	Waterloo
N. J. Berger	Monrovia, Cal.
John T. Jenkins	Swaledale
J. A. Marsh	Ainsworth

### Term Expiring 1918

Rev. W. J. Coulston	Pella
P. H. Kuyper	Pella
W. A. Starkey	Ottumwa
I. J. Ketman	Winterset
H. S. Keables	Pella
Paul Synhorst	Pella
Y. T. Van Niewaal	Pella
R. A. Awtry	Pella
H. P. Van Gorp	Pella
Rev. J. B. Smith	Waterloo
Rev. A. E. Clemens	Seymour
A. T. Van Houweling	Otley
Dr. W. F. Crew	Pella

## COMMITTEES OF THE BOARD

### Executive Committee

J. H. Johnson	President
Y. T. VanNiewaal	Chairman
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P. H. Kuyper, G. G. Gaass, J. W. Bailey, F. M. Frush	

### Auditing Committee

P. G. Gaass	A. C. Kuyper	Y. T. Van Niewaal
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### Finance Committee

H. J. Vanden Berg, Y. T. Van Niewaal, P. H. Kuyper
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### Auditing Committee of the Executive Committee

P. H. Kuyper	F. M. Frush
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## The Faculty

JOHN WILLIAM BAILEY, President

Professor of Biblical Literature and Philosophy.

A. B., Franklin College, 1898; B. D., University of Chicago, 1901; Ph. D., *ibid.*, 1904. Professor Biblical Literature 1910; President, 1914.

JOHN DILLINGHAM DODSON, Dean,

Professor of Psychology and Education.

S. B., Southern Normal, 1900; O. B., A. B., *ibid.*, 1901; A. B., Harvard, 1907; A. M., *ibid.*, 1908. Professor Psychology and Education 1910; Professor *ibid.*, and Dean, 1914.

ELIZABETH ADELINE GRAHAM, Dean of Women,

Professor of English Language and Literature.

Ph. B., Central College, 1908; Student University of Minnesota, 1897-1899; Graduate Student, University of Oxford, Summer, 1909. Professor English Literature, 1905; *ibid.*, and Dean of Women, 1914.

RALPH D. McINTIRE, Registrar,

Professor of Chemistry.

S. B., University of Wooster, 1912; S. M., *ibid.*, 1913; Central College, 1913.

FREDERICK W. CORLISS,

Professor Emeritus of Rhetoric and Belles Lettres.

A. B., Union College, 1861; A. M., *ibid.*, 1864; A. M., Wesleyan University, 1864; A. M., Yale College, 1864; L. L. D., *ibid.*, 1876.

ANNE J. SORENSEN,

Professor of History and Social Science.

A. B., Denison University, 1908; A. M., *ibid.*, 1909;  
Graduate Student, University of Chicago, Summer  
Quarter, 1908, 1909; Assistant in History,  
Denison, 1909-11; Central College, 1911.

MARTHA NATALIE GREINER,

Professor of German and French.

Ph. B., University of Michigan, 1901; Member Phi  
Beta Kappa, A. M., University of Michigan,  
1902; Graduate Student, University of Wisconsin,  
Summer 1903; '04; '15; Central College,  
1912.

ALPHA G. W. CHILDS,

Professor of Biology.

A. B., Franklin College, 1897; A. M., *ibid.*, 1899;  
M. D., Chicago Homeopathic College, 1900;  
Graduate Student, University of Chicago, 1905-  
06; Teacher, 1906-1913; Central College, 1913.

FRANK MCGINLEY PHILLIPS,

Professor of Mathematics and Physics.

Di. M., Iowa State College, 1907; A. B., *ibid.*, 1909;  
A. M., State University of Iowa, 1915; Teacher,  
1903-1914; Central College, 1914.

OLA ESTELLE HUSTON,

Professor of Greek and Latin.

A. B., Carthage College, 1909; A. M., University  
of Illinois, 1910; Teacher, 1910-1914; Central  
College, 1914.

ESTHER PAULINE DUNKLE,

Instructor in Domestic Science.

Student Iowa State Teachers College, 1911-13;  
Graduate in Home Economics, Stout Institute,  
1915; Central College, 1915.

GERALDINE ASCHENBRENNER,

Instructor in Academy Mathematics.

Ph. B., Central College, 1913; Instructor Des  
Moines College Academy, 1913-14; Central Col-  
lege, 1914.

LILY VAN ZEE,

Instructor in Academy Latin and Commercial  
English.

A. B., Central College, 1914; Central College, 1914.

CHARLOTTE ANN HUSSEY,

Teacher of Expression and Instructor in Academy  
English.

Student Washburn College; Graduate Columbia  
College of Expression, 1914; Central College,  
1914.

FRED H. CLIFTON

Director of Commercial Department.

Graduate Jones Business College, Peoria, 1906;  
Business 1906-1914; Central College, 1914.

**GEORGE FRANCIS SADLER,**

Director of the Conservatory of Music.

Professor of Piano and Pipe Organ.

Mus. B., Simpson College, 1900, in Piano, Pipe Organ and Composition; Graduate Student Bush Temple Conservatory, 1901; Student of Moritz Mayer-Mahr, Scharwenka Conservatory, Berlin, Germany, 1910; Central College, 1910.

**LEONARD WOOD GLOVER,**

Professor of Voice.

A. B., University of Illinois, 1912; Mus. B., *ibid.*, 1914; Central College, 1915.

**MARK D. McWILLIAMS,**

Director of Athletics; Instructor in Academy History.

S. B., Knox College 1915; Student University of Illinois, Summer 1915; Central College, 1915.

**HELEN I. HANNA,**

Librarian.

## Chronological Table

- 1853—Resolution adopted by unanimous vote of a state convention of Baptists to locate an institution of higher education at Pella.
- 1854—Opening of the Academic Department in temporary quarters in town under the Principalship of Dr. E. H. Scarff.
- 1856—Central Hall opened for use.
- 1857—Rev. Elihu Gunn, M. A., D. D., inaugurated as first President.
- 1858—Mrs. D. C. A. Stoddard appointed Principal of the Ladies' Department.  
First Freshman class entered.  
First Literary Society established—reorganized in 1873, as the Philomathian Literary Society.
- 1861—Freshman, Sophomore and Junior classes doing regular college work.
- 1861-2—One hundred and twenty-three professors and students enlisted in the army, over forty becoming officers.
- 1865—Professor A. N. Currier returned from the war to resume his work in the college.
- 1866—The trees on the campus were planted.
- 1870—Ten thousand dollars raised as a beginning for the Endowment Fund.
- 1871—Rev. Lewis A. Dunn, D. D., elected President.
- 1872—Organization of the Alethian Literary Society.
- 1873—Reorganization of the First Literary Society into the present Philomathian Society.
- 1875—Organization of the Advansonia Literary Society.
- 1881—On resignation of Dr. Dunn because of failing health, Rev. George W. Gardner, D. D., was elected to the Presidency.
- 1884—Professor R.H. Tripp served as Acting President

- 1885—Rev. Daniel Reed, LL.D., elected to the Presidency.
- 1886—Dr. Lewis A. Dunn recalled to the Presidency.  
Organization of the Biblical Department.
- 1888—On the death of President Dunn, Rev. S. J. Ax-  
tell was chosen as his successor.
- 1891—Rev. John Stuart, Ph. D., elected President.  
Cotton Hall first opened as Ladies Dormitory.
- 1893-1901—Erection of the Y. M. and Y. W. C. A.  
Building.
- 1895—Rev. A. B. Chaffee, D. D., elected President.
- 1899-1900—Professor Asa Bee Bush, Ph. D., Chairman  
of the Faculty.
- 1900-1909—Rev. L. A. Garrison, D. D., Vice-President  
and President.
- 1905—Erection of Jordan Hall of Science.
- 1906—Erection of Dunn Cottage as home for Presi-  
dent.
- 1907—Rev. S. P. Shaw elected Field Secretary and la-  
ter Chancellor and served until June 1, 1910.
- 1909—Dr. Myron W. Haynes secured to lead movement  
for securing \$100,000. Dr. Haynes closed his  
work December 31, 1910.
- 1910—John Lewis Beyl, Ph. D., elected Acting Presi-  
dent, May, 1910, and served as such until June  
1911, when he was elected President.
- 1911—Rev. L. R. Bobbit elected as Field Secretary.  
Served until February, 1913, when he resigned  
to resume work in the gospel ministry.
- 1911—Death of Dr. B. F. Keables for fifty-eight years  
a member of the Board of Trustees and for  
many years Vice-President of the institution.
- 1912—Movement for new Women's Dormitory begun  
at Commencement.
- 1914—John Lewis Beyl, Ph. D., resigned Presidency.
- 1914—John William Bailey, Ph. D., elected President.

## A Statement

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On April 14th, 1914, the Board of Education of the Northern Baptist Convention through its President, Prof. Ernest D. Burton, and its Secretary, Dr. Frank W. Padelford, brought to the Board of Trustees of Central College a proposition looking toward the unification of Baptists educational interests in Iowa. The proposition involved the transfer of the local property of Central College to the Reformed Church. In consequence of the information which it received the College Board appointed a committee of inquiry which after investigation reported that the consummation of such a proposition did not then seem possible. But the Board advised the Board of Education that at any time it had any information or recommendation it desired to place before the College Board the latter would welcome it.

Growing acquaintance with the whole situation disclosed the fact that Alumni of both Central and Des Moines Colleges, members of both Boards of Trustees, former students and friends of both institutions, and others appeared to have reached the conviction that some readjustments of educational matters was very desirable.

In it's annual report to the Board of Trustees in June, 1915, the Executive Committee laid the general situation before the Board and asked for instructions. In accordance with the discussion and instruction received at that time the committee arranged for a series of conferences with the several parties interested in the situation, culminating in a conference held in Chicago in October, 1915. In this conference there



were present representatives of the Board of Education of the Northern Baptist Convention, of the Board of Education and the constituency of the Reformed Church, and the Board of Trustees of Central College. As a result of this conference a tentative plan was adopted which it was thought might be a working basis for future negotiations. This plan was adopted by the Executive Committee of the Central College Board and by it reported to the Board at a special meeting held November 30, 1915. At this meeting after a very thorough consideration of the whole matter the Board of Trustees voted unanimously: (1) to transfer the name, charter, grounds, buildings, and equipment of Central College to the Reformed Church on condition that it maintain an accredited college in Pella; (2) to transfer the endowment (except a small part which is entailed), funds, pledges, etc., to the American Baptist Education Society to be held in trust for Baptist educational work in Iowa; (3) to cooperate in the establishment of a Baptist College in Iowa in which all Baptist educational work might be unified, and in which the endowment and funds might be used.

This action of the College Board was communicated to the Board of Education of the Reformed Church and the latter held a meeting in New York City on December 14th to consider the proposition. The result of the meeting was a unanimous vote by the Board approving the general proposal and tentatively accepting the offer to become responsible for the control and maintenance of the college.

On January 3, 1916, the Pella Classis officially approved the proposition to transfer the control of the college to the Reformed Church in America, and authorized a temporary Board to promote and per-



fect the necessary plans and details for taking over and conducting Central as a Reformed Church institution. This Temporary Board proceeded according to instructions and an Executive Committee was chosen and charged with the work of putting things into shape. It is at present busy planning the work of the college for next year.

There will be very little change in the work done in the college. The President and several members of the faculty will continue in their positions next year and the continuity of the work will be preserved. The present departments will be maintained and wherever possible strengthened. Courses in the Dutch and Spanish languages will be added.

The Academy will, for the present at least, be continued and will be kept on the list of accredited secondary schools. The Conservatory of Music continues under the management of the present Director, and students of both voice and piano will be cared for. The Business department is to continue under the present arrangement. The department of Domestic Science, or Home Economics, will offer the two years course leading to the Special Certificate given by the State to teach in the schools of Iowa.

The rank of the institution as an accredited college under the state laws and the regulations of the Board of Examiners will be fully maintained. It is intended that the work of the institution shall in no wise suffer depreciation, but on the contrary the work will be strengthened wherever it may seem necessary to keep pace with advancing standards.

The Reformed Church has no other institution of college rank west of the Mississippi river and in this west Mississippi country has a constituency amply

able to support a college. As a Reformed Church institution the future of "Old Central" is brighter than at any time in her history.

The new Board of Control solicits the good will and cooperation of alumni and others who in the past have made the college and helped to give her the place she has had in the educational world. Parents who are thinking of sending their sons and daughters to some institution for higher education will do well to investigate the advantages of Central. The school is located in a prosperous, progressive community, in a beautiful little city of churches and homes, and offers splendid opportunity for the Christian education of young men and women.

# General Information

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## LOCATION

Pella, the home of Central College, is located on the Keokuk and Des Moines division of the Chicago Rock Island and Pacific Railway. Good connections are made at Des Moines, Oskaloosa and Ottumwa. The city is situated on the divide between the Des Moines and Skunk rivers in one of the most healthful localities in the state. Many strangers have declared it to be the most beautiful city of its size in Iowa. It is a city homes, with about thirty-two hundred inhabitants, and is a prosperous and progressive community with paved streets and municipally-owned water, light and sewer systems.

The moral atmosphere of the town is good and helpful. Settled by men and women from Holland who were determined to worship God according to their own consciences and allow others the same privilege, Pella is a place that makes for sober, righteous and godly living.

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## GROUNDS

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## CAMPUS

The college is located in the midst of beautiful grounds. The campus consists of eight acres of lawn and trees nicely laid out. It is situated within the city limits, yet far enough from the business center to assure freedom from noise and fire. It is surrounded by broad streets, thus affording clear sunlight and pure air, and altogether is a most attractive place,

## ATHLETIC FIELD

The athletic field is well situated and laid out on the west portion of the campus, and is furnished with an amphitheatre. On this field center the activities of the football and baseball seasons. Good tennis courts are located elsewhere on the grounds.

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## BUILDINGS

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### CENTRAL HALL

The oldest college building is of brick, three stories above basement. On the first two floors are found recitation rooms, the music studios and the halls for the Young Men's and Young Women's Christian Associations. On the third floor are two rooms well furnished and devoted to the work of the literary societies.

### ASSOCIATION BUILDING

The Association building is a brick structure of two stories above the basement, containing the auditorium, library and gymnasium. This building was long in process of erection—from 1893 to 1901—and stands as a monument to the prayers, faith, devotion and heroic sacrifice of the friends of the institution, and the professors and students then in school.

**The Auditorium**—The auditorium is a large, light, commodious room, well adapted to public lectures and meetings of all kinds. It will seat over four hundred and is used for the daily chapel service, for general gatherings of students and for college lectures and entertainments.

**The Library**—During the last few years, four thousand seven hundred books have been added to

the college library, making the total number of volumes more ~~than~~ seven thousand eight hundred. This count excludes all bound magazines, records, reports, etc., no matter how valuable, which number over one thousand. It is classified according to the A. L. A. system. This recent addition of carefully selected volumes has equipped each department with ample facilities for reference work among the latest publications as well as the standard authorities. The literature section contains about 1500 volumes; history about 1900; science about 1350; psychology and education about 700; Biblical literature about 750; philosophy about 700; social science about 500; miscellaneous 500.

**The Gymnasium**—This is equipped with apparatus for individual and class work, and with shower and tub baths, and furnishes excellent gymnasium privileges.

All students regularly matriculated will be admitted to all the privileges of the gymnasium and bath without special fee.

## JORDAN HALL

This hall was erected in 1905 and first used for college work in the fall of 1906. It is three stories high, constructed of fine pressed brick ornamented with Bedford stone and finished throughout in oak. It was made possible by the splendid gift of the late Deacon Chandler Jordan, of Central City, whose name it bears. The building is modern in every respect. It contains the administration offices and recitation rooms. The laboratories for Biology, Chemistry, Domestic Science and Physics are located in this building.

**Biological Laboratory** — The Biological Laboratory equipment is ample for thorough, efficient work. It includes Bausch and Lomb microscopes, a Zeiss binocular microscope, a paraffine embedding oven, a Minot rotary microtome, a kymograph and various smaller pieces of apparatus. There is one high power microscope for the use of the instructor in demonstration and research. Microscopic slides for use in the various laboratories are constantly being added to the collection.

**Chemical Laboratory** — The Chemical Laboratory is located on the third floor and is fitted with forty-eight individual lockers and a fume cupboard. Each locker is provided with such apparatus as the student may need for regular work, apparatus for special work being reserved in the supply room. Analytical balances and burettes are provided for work in Quantitative Chemistry. The laboratory has its own gas plant. Water is supplied from the city mains.

**Physical Laboratory** — The Physics laboratory occupies two rooms in the basement. Among the pieces of equipment are the two plate Wimhurst static machine and a six-plate "Toeplar Hoelz" machine, both the gift of Dr. William King, of New York City. Electrolitic rectifiers are used for converting the alternating current received from the city mains to direct current. A complete Evans electrical equipment is installed and in operation. A universal projectoscope with all the latest improvements for showing postcards, slides, microscopic slides, or opaque material is in the lecture room. Each division of Physics is amply supplied with apparatus for demonstration.



**Domestic Science Laboratory** — Two rooms in the basement are fitted out for the work in Domestic Science. A complete kitchen equipment for the work in cooking is in one of the rooms, and in the other is a beautiful dining-room outfit and the necessary equipment for the work in sewing. Some of Pella's public-spirited citizens gave liberally to the outfit in this department. The work in chemistry is done in the regular chemistry laboratory.

**Randolph Museum** — The Randolph Geological Museum is also housed in Jordan Hall. This is a most excellent collection presented by the late H. E. Randolph, of Webster City, and at his death enriched by his own special collection, a tribute to the interest and liberality of the donor and a fine geological equipment for the College.

### COTTON HALL

One block north of the campus is the hall for young women. In the management of the Hall every possible effort has been made to give the young women a pleasant and attractive home. In the building are twenty-two rooms besides the dining-room, kitchen, pantries, etc. The dining-room will accommodate fifty, and meals are served for both young men and young women.

### BEARD OBSERVATORY

We can point with pride to our astronomical equipment, largely the gift of Mr. R. R. Beard, Pella, Iowa. The cost of Mr. Beard's gift was \$5,000. The large telescope, a 6½ inch lens, is the work of Alvah Clark & Son. It is one of the largest in the state and gives fine facilities for the study of astronomy. The glass is equatorially mounted and has ten eyepieces.

The foundation upon which our transit rests weighs ten tons. The instrument was made by Fauth Company and has a  $2\frac{1}{2}$  inch lens.

We also possess a small refracting telescope, elegantly mounted,  $3\frac{1}{2}$  inch lens, four eye glasses, with finder of French manufacture, the gift of Mr. George Little, of Boston, Mass.

Our spectroscope is one of the best; the maker's name John A. Brashear, gives it the same rank in its field that Clark's name gives to a telescope. It has a diffraction grating  $2 \times 4$  inches, on which 20,000 lines are ruled to the inch.

The stereopticon has an Edison arc lamp, and is one of the finest in the country. We have over five hundred lantern slides, many of them made from photographs taken by the Lick and Yerkes telescopes. The pictures are projected on a screen 12 feet square and the details of the celestial objects are brought out in a most wonderful way. The cost of the slides was over \$1,000.

The clock was made by Negus, chronometer maker for U. S. Navy, and was secured at a cost of \$360.

### DUNN COTTAGE

This is a two-story brick building with modern conveniences, built as a home for the President of the institution. It is named in honor of the late Mrs. J. N. Dunn, a name intimately and honorably associated with Central's history.

### CITY LIBRARY

In addition to the college library the Carnegie-Viersen library offers added facilities in the way of equipment in books. In 1906 Mr. Carnegie presented a fine library building to the city and Miss



Siebrigje Viersen, one of Pella's public-spirited citizens, gave a fund of six thousand dollars to be used for books. Thus the library was from the first well supplied and at present contains over 5,000 volumes, easily accessible to the students of Central College.

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## Administration and Government

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The aim of the college is to afford students training in self-government and to develop in them responsibility and high regard for personal conduct. Since the institution offers privileges, a breach of college order means most naturally the taking away of such privileges either in part or altogether, while persistence in wrong conduct will result in dismissal from the institution.

The student body is represented in all matters affecting the public life of the school by the Student Council, which co-operates with the Faculty, and has the power of making recommendations to it. The idea is that instructors and students be co-workers in the entire life of the college.

### CLASS ATTENDANCE

Punctuality at the beginning of a semester is especially desirable since the loss incurred by beginning behind one's class cannot easily be repaired. It is assumed that the young men and women will meet promptly and regularly all of their class-room appointments. If for any valid reason students are compelled to miss a recitation, they are expected to

present their reasons to the teacher before the next session. Unexcused absence from the first or last recitation of a given semester, or from the last recitation before, or first after a vacation period is counted as equivalent to three daily absences.

### CLASS STANDING

Each instructor keeps a careful record of the work of each student and reports same to the Registrar at the close of the semester. These are recorded and become a part of the permanent college record. The daily class-room work and the examinations are graded on a scale of 100. The system of marking is as follows:

A, 100 to 94, equals excellent.

B, 93 to 86, equals good.

C, 85 to 78, equals fair.

D, 77 to 70, equals poor.

E, 69 to 60, equals conditioned.

F, 59 and below, equals failed.

In case a student receives an E in any subject, a chance will be given to make up the work, but this must be done before the end of the next succeeding semester after the one in which the E is received; other-wise the condition becomes a failure and the work must be repeated. This work may be made up by a special examination or by other special work as the instructor may see fit. In case the student receives an F, the work of the semester must be repeated. The student will not be permitted to continue with the class nor to do advanced work in that subject until the work has been satisfactorily done.

### EXAMINATIONS

Regular examinations are held at the close of each

semester. Students must attend all examinations in the studies they pursue. No student whose work in any study is reported as being incomplete, either because of failure to take the examination or to do other work required will receive credit for the work in that subject until the course has been completed. This must be done within one year from the date of the original examination. If it is not done within that time the grade becomes a failure and the work will have to be repeated. In case a regular examination is missed the student may, upon the presentation of an acceptable excuse, be permitted to take a special examination. This may also be done in the case of a failure in examination, provided the instructor deems the student's class work to have been of such a character as to merit another trial. For each special examination of this kind, written permission must be secured from the Dean and a fee of one dollar paid.

For each special examination where a student desires to receive credit in a course in which the work has not been done in class, a fee of \$2.50 is charged and written permission must be secured from the Dean. No such examination will be given until the instructor in the subject is convinced that the student has covered the work thoroughly and is entitled to the examination.

## REGISTRATION

The first two days of the first semester are given to registration. For the second semester provision is made for registration during the week of the mid-year examinations. For registration not completed during the days specified or for any changes in the registration thereafter, a fee of one dollar is required. Stu-

dents may not change registration or drop a given subject without the consent of the Dean and the instructors whose work is involved.

## RELIGIOUS INFLUENCES

Central College has enjoyed a splendid reputation for thoroughness in mental training combined with high ideals for the religious development of the student. This the authorities are determined to maintain at all costs and will employ every resource to develop young people in the best possible manner, physically, mentally and morally.

All students are expected to identify themselves with some religious congregation in the city and to attend divine worship at least once each Sunday. The entire life and administration of the institution, while avoiding sectarianism, is positively in favor of the Christian religion. Chapel worship is held each school day, at which all students are expected to be present. Reasons for absence therefrom should be presented to the Dean.

## PHYSICAL TRAINING AND ATHLETICS

Every encouragement is given to physical training, with due regard to the proper proportion of time to be given to the development of mind and body. There is a trained resident instructor for men in gymnastics and field athletics; similar training is provided for the women under the direction of a competent instructor. In addition to the regular gymnastic work there is abundant opportunity for outdoor and indoor athletics. Football, baseball, basketball, tennis, and field athletics are regularly maintained under the management of the Central College Athletic Association. All regularly classified students of the institu-

tion ranking below and including the Sophomore class are required to take two periods per week of regular gymnastic work.

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## Student Organizations

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### CHRISTIAN ASSOCIATIONS

In connection with the college are branches of the Young Men's and Young Women's Christian Associations. There are regular weekly meetings for worship, Bible reading and praise, and also for social intercourse. Members of the Faculty are also connected with the Associations, giving them their personal attention and support.

The Associations conduct Bible and mission study classes as arranged by their committees. To accommodate all, the classes meet at various hours, and under trained leaders take up some line of systematic study.

### COLLEGE LECTURE COURSE

The Young Men's Christian Association of the college has, for many years, maintained a first-class lecture course. It consists of lectures, musical numbers and entertainments. The aim is to secure only the very highest class of talent and of a type which will be not only of interest, but also of moral benefit to the college community.

### COLLEGE GLEE CLUB

For several years the students of Central have maintained a men's glee club of high class. The club



has had one trip to the Pacific coast. Membership in the glee club is open to all young men in any department of the college and is competitive in nature. The quality of the voice counts, in this work, more than a technical knowledge of music.

### LITERARY SOCIETIES

These are an important feature of the institution: the Philomathian, composed of young men; the Alethian, of young women, and the Advansonia, of both sexes. All meet weekly and carry out varied programs of literary work. In society work students receive an important discipline which they cannot obtain elsewhere.

### ORATORICAL ASSOCIATION

The College Oratorical Association was originally organized in connection with the State Oratorical Association. It was later expanded to include relations with the State Peace and Prohibition Associations. In recent years the emphasis has been placed upon inter-collegiate debating in which Central has had gratifying success.

### CENTRAL COLLEGE ATHLETIC ASSOCIATION

This association includes in its membership all the students in the institution of whatever department. It has general control of all athletic sports. It is managed by an Executive Committee consisting of two members of the Faculty, one of which is the Director of Athletics, one alumnus of the institution and two members of the student body. Each student pays a semester fee of \$2.50. Of this amount, this association receives \$2.00 and this fee admits to all home athletic contests. The other fifty cents goes to the

Oratorical Association and admits to the various oratorical and debating contests.

## STUDENT PUBLICATIONS

**The Central Ray**—A bi-weekly eight-page paper, is published by the students. It serves as a means of literary culture among the students themselves, a medium of communication between alumni and present members of the college, and a general representative of the interests of the school to the outer world. The Ray has a good list of subscribers at \$1.00 per year.

**The Pelican**—An annual published successively by each Junior class of the college, sets forth in picture, chronicle and story the life of the year in all departments of the institution and becomes thus an invaluable preserver for after years of the doings and happenings of the "good old college days."

**The Christian Associations' Hand-Book**—The Y. M. and Y. W. C. A. publish, before the opening of each year, a hand-book giving necessary information concerning college life, customs, etc., at Central. It is distributed free of charge to all students and is of value to all, particularly to those coming to Central for the first time.

## Expenses and Board

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There is no college dormitory for young men. Rooms can be secured at very reasonable rates in private homes near the college campus. A list of such rooms will be on file at the Registrar's Office at the beginning of the first semester. Every assistance will be given to see that suitable places are provided for all young men. In case it is so desired, rooms may be engaged in advance by applying to the President or Registrar and giving general information as to kind of room desired and price to be paid.

Young women may room either at Cotton Hall, which is the college dormitory, or in approved private homes in the city. The general oversight of the women students rests with the Dean of Women. A list of approved rooming places will be on file at the Registrar's Office at the opening of the first semester. Every assistance will be given to see that suitable places are obtained for all.

### COTTON HALL

Cotton Hall, for young women, is equipped with modern conveniences. The rooms are heated by furnace and lighted by electricity and are provided with all necessary articles except bed clothing, including pillows, curtains and towels.

The rooms are of two sizes, 15 by 15 feet and 15 by 9. The larger rooms (one occupant in a room) cost, with board, \$81.00 a semester (half year). The smaller rooms (one occupant in a room) cost, with board \$73.00 a semester.

If two young ladies occupy a room together the ex-



pense is somewhat less. The larger rooms (two occupants in a room cost, with board, \$72.00 a semester for each individual. The smaller rooms (two occupants in a room) cost, with board \$67.00 a semester for each individual.

Reservation of rooms is for the entire semester and those who once take rooms can release them only by special arrangement with the Treasurer. Reservations can be made by application to the Treasurer or Dean of Women and should be made early.

### TUITION

Tuition in the College is \$20.00 per semester, in the Academy, \$15.00.

For one full study in the College, tuition will be \$10.00 per semester; in the Academy, \$7.00. For two studies in the College, \$16.00 per semester; in the Academy, \$12.00.

Tuition and fees payable in advance.

### FEES

Student Intercollegiate Contest Fee, per semester, \$2.50.

This fee was established by vote of the student body and later by action of the Board of Trustees. It is required of all students and secures admission to all intercollegiate contests in football, baseball, tennis and track held upon the home grounds, also to all oratorical and debating contests.

Laboratory Fees in the College per Semester:

Chemistry	-----	\$3.00
Biology	-----	3.00
Physics	-----	2.00
Cooking	-----	3.00

Laboratory Fees in the Academy and Normal Course, per Semester:

Chemistry -----	\$3.00
Biology -----	2.00
Physics and Agriculture -----	1.00
Hand Sewing -----	1.00
Machine Sewing -----	2.00
Cooking -----	3.00

**Breakage**—For breakage in the laboratories each student is required to make a deposit of two dollars with the Treasurer at the beginning of a laboratory course of study. At the end of the course, after deducting for breakage, the balance is returnable.

### SPECIAL FEES

Special Examinations, each study taken in course \$1.00

Special Examination, each study not taken in course ----- 2.50

Certificate from any Department ----- 3.00

Diploma for Bachelor's Degree ----- 5.00

Diploma for Master's Degree ----- 10.00

Fees for diplomas and certificates must be paid to the Treasurer by the first of June, preceding graduation.

Ministers' wives and children, when taking full work, pay one-half the regular tuition, and the full amount of the regular fees.

If a student desires to take work by the week the charge for tuition is \$2.00 per week in any department.

In case a student leaves school after the middle of the semester no refund at all is made. If a student is granted honorable dismissal before the middle of the semester or term, a refund will be made of one-third

the amount paid at the opening of the semester or term. In order to secure honorable dismissal the student must make application to the Registrar, who will present the request to the Faculty for action.

A student will not be graduated from any department of the college or receive any diploma or certificate, who has not paid all bills due the College. All accounts must be settled by June 1st preceding graduation.

**TUITION IN THE CONSERVATORY OF MUSIC.**

Piano, Voice, Pipe Organ—

Two lessons per week (private)-----\$30.00

One lesson per week (private)----- 18.00

Harmony, Musical History, Analysis—

Two lessons per week (in class)-----\$11.00

Music Rent ----- 2.00

Rent of piano one hour a day by the semester is \$5.00 each semester. Rent of practice organ one hour per day is \$1.00 per week.

**TUITION IN THE BUSINESS DEPARTMENT---**

Book-keeping Course (limited to 9 months)----\$60.00

Shorthand Course (limited to 9 months)----- 60.00

Stenotypy course (limited to 9 months)----- 60.00

Combined Course (limited to 14 months)-----100.00

Books, Blanks, Stationery, etc., for a full Business Course of nine months will cost about \$12.00. For one year's course the cost is a trifle more.

Typewriting, when taken as an elective by college or academy students, costs \$10.00 per semester for the use of the machine and instruction in its operation.

Typewriting may be taken by a student in the book-keeping course at an additional cost of \$10.00 above his regular tuition, and the rudiments of book-keeping

may be added to the shorthand course for an addition of \$10.00.

### SELF-SUPPORT

Many of our best students aid themselves financially by obtaining positions of various kinds in the town and college. Living expenses are lower in Pella than in most places, and this factor is of importance to those students who do not have an abundance of financial support.

Emphasis, however, should be laid upon the fact that the ideal arrangement is for a student to have sufficient means to cover the expenses, for that means he will be free at all times to pursue his studies and thus do better work in them. Also such a student will have more time to engage in the extra-curriculum activities of the college, which are essential to the highest all-around development. However, when students must support themselves, every effort will be made to secure suitable positions for them.

### SCHOLARSHIPS

A number of scholarships have been provided in the College and Academy. These scholarships are good in the regular courses in the College and the Academy, but do not apply on tuition in the Conservatory of Music, or in the Business Department.

**Honor Scholarships**—In accordance with the regulations adopted by the Association of Independent Colleges of Iowa, a scholarship good for full tuition for one year will be granted to the honor student of the graduating class of any accredited high school in the state. The nineteen colleges of the Association are agreed that no other honor scholarship will be granted.

**Missionary and Ministerial Scholarships**—It has been the custom of the College in the interest of Christian education and service to grant to missionary and ministerial students scholarships good for one-half of the tuition in the regular courses in the college and the academy. These scholarships are not gratuitous, as gifts have been received from churches and individual donors for this purpose.

**Special Scholarships**—During the history of the institution special certificates of scholarships have been awarded to the larger donors to the institution. In some cases these scholarships have been made transferable, and it is understood that the person holding the certificate of scholarship may designate the person who may receive the benefit of the same, or without such designation on the part of the holder of the certificate, the College may award the scholarship to any deserving student. These certificates are good in the regular courses in the college and academy for such part of the tuition as would be a fair equivalent for the value of the concession when the certificate was granted, providing that the subscription to the college has been paid in full, and that the certificate has not expired by time limitation. It is, however, understood that all certificates bearing date prior to June 3, 1893, when the articles of incorporation were renewed, shall be considered as having expired by time limitation.

**Scholarships for Work**—A number of scholarships are granted for one-half to full tuition for library and laboratory assistants and to students doing other work for the college, the value of these scholarships depending upon the amount and character of the service rendered. These scholarships are awarded according to



merit and according to the order in which the applications are received.

**Rules Regarding the Awarding of Scholarships—**Scholarships are regularly assigned for one year. Any questions regarding them or applications for them should be filed with the President.

In case the student receiving the scholarship fails to meet the conditions on which the scholarship was assigned, the scholarship will be thereby forfeited by the student and full tuition will be due the college.

The following is a list of available scholarships:

The Chandler Jordan Scholarship was founded by Deacon Chandler Jordan, of Central City, Iowa, to assist young women preparing for missionary work.

The Calvin Craven Scholarship was arranged for in the estate of Deacon Calvin Craven, a lifelong friend of the College.

The Jordan's Grove Scholarship was established by H. M. Rollins, Deacon Chandler Jordan, John N. Dunn, N. C. Hoag and H. L. Hodgins, members of Jordan's Grove Church.

The Deacon Snyder Scholarship was given by Deacon A. Stuber, Dudley, Iowa, a faithful friend of the College.

The Malvern Scholarship was founded by the members of the Malvern Church to be known as the Malvern Church Scholarship.

Mr. Charles R. Clark of Montezuma, has made a gift to the College sufficient to establish a scholarship.

The Seymour Church, led by their pastor, Rev. A. E. Clemens, established a scholarship in January, 1903.

The Monroe Scholarship: W. O. Tice, W. M. Liv-

ingston, W. O. Livingston, Mrs. S. T. Hill, Mrs. Hattie Scarborough and Mr. C. B. Livingston founded a scholarship to be known as the Monroe Scholarship.

The A. J. Porter Scholarship was founded by Mr. A. J. Porter, of Fairmount, Iowa, a true friend of Christian education.

The Nancy J. Wolf Scholarship was founded by Mrs. Nancy J. Wolf, of Eldon, Iowa, a woman devoted to the interests of her denomination.

The Wm. Timby Scholarship was founded by Mrs. Timby, of Mt. Ayr, as a memorial to her husband.

The Elias Dubes Scholarship was founded by Elias Dubes, of the Mt. Olive Church, to perpetuate Christian work among coming generations.

The Mt. Olive Scholarship was established by the members of the Mt. Olive Church, which is a country church of only sixty members.

The J. M. Stephenson Scholarship was founded by Mrs. J. M. Stephenson and Mrs. M. H. Sams, of Maloy, Iowa, in memory of the husband and father, J. M. Stephenson.

The Wm. S. Bartholomew Scholarship was established by Wm. S. Bartholomew, of Washington, Iowa, to perpetuate that for which he labored during life.

The A. N. Cain Scholarship was founded by Deacon A. N. Cain, of the Ashland Church, out of love for his college and the future of his denomination.

Deacon Consider A. Yarnes established a scholarship in 1904.

Mrs. Sarah A. McMasters founded in February 1904, a ministerial scholarship as a memorial to her husband, J. C. McMasters.

Mrs. Susan R. Craven established the Ritner Scholarship in memory of the labors and sacrifices of her father for the College.

The J. K. Edwards Scholarship was founded by J. K. Edwards, of Brighton, who has been a faithful member of the Baptist Church for many years.

The Baldwin Scholarship was established by C. H. Baldwin, of Gladbrook, Iowa, in December, 1908.

Mr. J. A. Marsh of Ainsworth, Iowa, established a full scholarship for members of his family in 1913.

Mr. W. A. Phillips has established a full scholarship for members of his family.

Mr. M. D. Yard of Washington, Iowa, has founded a full scholarship for free assignment.

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## PRIZES

The Lewis Medal is offered by Hon. E. E. Lewis, of Sioux City, for the best original production by the matriculating class from the Academy.

The Beard Gold Medal is offered by R. R. Beard, Esq., of Pella, to the successful contestant in debate. Open to all students of the College.

The Keables Gold Medal is offered by Mrs. Kate Keables Beard, of Pella, for the best declamation. Open to all students.

The Brinkman Prizes in English, established by Rev. B. F. Brinkman, of Pella, for the best work done by any student in college in English. There is a first prize of \$10 and a second prize of \$5, in gold, to the winners.

The VanSpanckeren Prize for scholarship, consisting of five dollars in books and a gold medal, is offered



ed by Mr. B. H. VanSpanckeren, Jr., of Pella, for the highest average grade made by any student taking full studies for the year.

Beard Tennis Medals, given by Mr. R. R. Beard, of Pella, to the successful contestants in the annual home tennis contests held during Commencement. The medals are given as follows: One each to the winners of the first and second places in singles, and one each to the members of the winning team in doubles.

The Trustees' Prize in Oratory is offered by the Trustees of the College to the winner of the home oratorical contest given under the auspices of the College Oratorical Association. It entitles the holder to a concession of \$10.00 in tuition. If the winner of the home contest is successful in securing a place in the final state contest the tuition concession is increased to \$20.00.

The Brownell Medal is offered by Mr. Charles Brown, and is open to all students of Central Conservatory of Music majoring in Piano who have had at least two years in the regular degree course, including all the work in Theory. The medal is awarded to the one ranking highest in class room work and public recital.

The Dora Markel Medal is offered by B. Franklin Keables, and is open to all students of Central Conservatory of Music majoring in Voice who have had at least two years in the regular degree course, including all the required work in Theory. The medal is awarded to the one ranking highest in class room work and public recital.



# The College of Liberal Arts

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# The College of Liberal Arts

## TERMS OF ADMISSION

All candidates for admission to the college must be young men or young women of good character, and serious purpose. All such young people will find in Central a wholesome and stimulating atmosphere and an excellent opportunity.

Every student who desires to be admitted to Freshman standing as a candidate for the Bachelor of Arts degree must either (a) present a certificate of graduation from some accredited high school or academy, or (b) pass an examination based on a four years' course amounting in the aggregate to 15 units. The required and elective units are:

English	-----3 units
Latin or Greek	-----2 units
Algebra	-----1 unit
Algebra	-----1 unit
Plane Geometry	-----1 unit
Physics, Biology or Chemistry	-----1 unit
Natural Science	-----1 unit
History	-----1 unit
History, Civics or Economics	-----1 unit
Elective	-----3 units
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Total	-----15 units

For the A. B. degree three units of foreign language are required. Of these three at least two must be either Latin or Greek. The other one may be an additional unit in either Latin or Greek or in German or French.

The electives may be chosen from any of the above named subjects not offered to make up the required 15 units, or from Domestic Science, Agriculture, Commercial Subjects, History of Music and Harmony.

**Non-Accredited Schools**—Candidates from schools not accredited, or presenting credits not fully satisfactory, will be given the special standing to which such grades entitle them and all possible assistance will be extended to enable them to secure college standing as early as possible.

**Special Studies**—Students who do not desire to work for a degree, and who are lacking in the requisite credits for college entrance may by action of the faculty be admitted as special students in college classes, provided they satisfy the faculty that they can pursue with profit the courses they select.

## ADVANCED STANDING

Candidates for advanced standing from other colleges must present a letter of honorable dismissal and a certificate of work done and credit earned in each study. Work done in accredited colleges is accepted without examination for advanced standing and credit given the same as if done in this institution. But a student cannot secure a Bachelor's degree from this college who has not spent at least one year in residence.

## COURSES OF STUDY

The courses of study offered in the College are classified into three general groups under which are included the various departments. These groups with their departments are:

1. Language and Literature.

Departments: Latin and Greek, English, French and German, and Biblical Literature.

2. History, Political and Social Sciences.

Departments: History, Social Science, Education.

3. Philosophy and Mathematics.

Departments: Philosophy, Psychology, Mathematics and Astronomy.

1. Every student is required to select a major department from one of the above named groups, in which major department he must make a minimum of 24 credits.

2. The group in which the student selects his major department will be known as his major group. A minimum of 44 credits must be completed in this group.

3. A total of 128 credits must be completed for graduation, including 4 in physical training. Of these not more than 24 may be counted in any department other than the major department.

The required subjects for the Bachelor of Arts degree are:

a. English and Public Speaking-----	16 credits
b. Mathematics -----	8 credits
c. One modern foreign language -----	8 credits
d. Ancient Language and Literature---	8 credits
e. Physical Science -----	8 credits
f. Biological Science -----	8 credits
g. History -----	8 credits
h. Philosophy and Social Science-----	9 credits
i. Psychology -----	3 credits
j. Biblical Literature -----	6 credits

Exemptions: A student may be exempted from certain of the above requirements on the following conditions:

If at the end of the first semester of English a stu-



dent shows exceptional ability in English, he may be excused from the course in English II, taking instead a course in English Literature or a free elective.

He may be exempt from b if he presents three and one-half units of Academy Mathematics; from c if he presents for entrance four units of Modern Language; from d if he presents for entrance four units of Ancient Language; from e if he presents for entrance 2 units of Science; viz., one unit of Physics and one of Chemistry; from f if he presents for entrance 2 units of Biological Science; from g if he presents for entrance 3 units of History.

## SUGGESTED PROGRAM FOR THE FOUR YEARS

### Freshman Year

English I and II, 10 credits  
Ancient Language, 8 credits  
Mathematics I and II, 8 credits  
Science, 8 credits  
Physical Training, 2 credits

### Sophomore Year

Modern foreign Language, 6 or 8 credits  
History, 8 credits  
Biblical Literature, 6 credits  
Science, 8 credits  
English, 6 credits  
Physical Training, 2 credits

### Junior Year

Major, 6 or 8 credits  
Psychology and Social Science, 6 credits  
Philosophy, 6 credits  
Electives, 8 or 12 credits

### Senior Year

Major credits to equal 24  
Elective to finish 128

A student desiring to be admitted to Freshman standing as candidate for the degree of Bachelor of Science must either (a) present a certificate of graduation from some accredited high school or academy or, (b) pass an entrance examination based on a four-year course amounting in the aggregate to 15 units.

The required and elective subjects are:

English .....	3 units
Foreign Language .....	3 units
Algebra .....	1 unit
Plane Geometry .....	1 unit
Physics, Biology or Chemistry...	1 unit
Natural Science .....	1 unit
History .....	1 unit
History, Civics or Economics...	1 unit
Elective .....	3 units

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Total .....15 units

## REQUIREMENTS FOR THE BACHELOR OF SCIENCE DEGREE

1. As in case of Bachelor of Arts degree, the requirements for a major must be completed, which major consists of 24 credits or more in some one department.

2. A total of 128 credits must be secured, 4 of which shall be in physical training, but of these not more than 24 may be counted in any department other than the major department. A minimum of 48 credits must be completed in the following departments: Physics, Chemistry and Biology.

3. The number of credits specified in each of the following must be counted as a part of the total of 128 credits, subject to the possible exemptions stated below:

a. English and Public Speaking .....	16 credits
b. Modern foreign language .....	8 credits
c. Biblical Literature .....	6 credits
d. Mathematics .....	8 credits
e. History .....	8 credits

f. Philosophy -----	6 credits
g. Social Science -----	3 credits
h. Psychology -----	3 credits
i. Botany, Geology or Zoology -----	8 credits
j. Chemistry or Physics -----	8 credits

Exemptions: A student may be exempted from certain of the above requirements on the following conditions:

If at the end of the first half year the student shows exceptional ability in Rhetoric he may be excused from English II, and may take instead a course in English Literature or a free elective.

From b if he offers for entrance 5 units in modern foreign language.

From d if he presents 3½ units in Mathematics.

From e if he presents for entrance 3 units in History.

From i if he presents for entrance 3 units in Biological Science.

From j if he presents for entrance 3 units of Physical Science.

## SUGGESTED SCHEDULE BY YEARS

### Freshman

English I and II, 10 credits  
 Mathematics, 8 credits  
 Mod. foreign Lang., 8 credits  
 Major, 6 or 8 credits  
 Physical Training, 2 credits

### Sophomore

Science, 8 credits  
 Biblical Literature, 6 credits  
 History, 8 credits  
 English, 6 credits  
 Major, 6 credits  
 Physical Training, 2 credits

### Junior

Philosophy, 6 credits  
 Psychology and Social Science,  
 6 credits  
 Major, 6 credits  
 Electives, 12 credits

### Senior

Major, 6 credits  
 Electives to equal 128.

## PROMOTION

No student who in any academic year fails to pass in at least three-fifths of all the hours of work which he is taking, with a grade of C or above in one-fifth, will be remitted to the college except by special vote of the administration, which vote shall be based on some satisfactory work done in the interval, or illness as the cause of failure, or some other exceptional circumstances.

In order for a student to be promoted from the Freshman to the Sophomore Class, he must have passed in college studies amounting to not less than twenty semester hours, in at least fourteen hours of which his grade is C or above.

For promotion to the Junior Class, he must have passed in college studies amounting to not less than fifty semester hours, in at least thirty-six hours of which his grade is C or above.

For promotion to the Senior Class he must have passed in college studies amounting to not less than eighty-six semester hours in at least sixty-two hours of which his grade is C or above.

If the student has entered college with any conditions, such conditions must be removed before the student may be admitted to standing in the Junior Class.

## REQUIREMENTS FOR A BACHELOR'S DEGREE

A candidate for a Bachelor's Degree must receive grades of C or above in at least three-fourths of the 128 credits required for graduation.

## GENERAL REQUIREMENTS FOR GRADUATION

In estimating credits for the baccalaureate degrees, the unit adopted is one hour a week of recitation, or

two hours a week of laboratory work, through one semester. The regular work consists of fifteen to eighteen units each semester. No student will be permitted to elect studies aggregating more than twenty or less than twelve units in any semester without special permission from the Faculty.

## RHETORICALS

All students are required to write and deliver an oration or argumentation during both the Freshman and Sophomore years. If these requirements are not met during these years, an additional production will be required during the Junior year. The Rhetoricals are under the supervision of the Head of the English department.

The Faculty will not recommend for degrees those who shall not have made up all back work by the close of the first semester of the Senior year.

## GRADUATION THESIS

Each candidate for the Bachelor's degree from the College of Liberal Arts is required to present a thesis on some approved topic. Some topic should be selected in the group in which the student has done his major work during the course and it may be determined in consultation with the Head of the Department. The topic must be decided upon by the close of the first week of school after the Christmas holiday vacation preceding graduation, the first draft must be handed in by March 15th, and the finished thesis of not less than 2,500 words must be submitted to the Head of the Department not later than the 15th of April. The thesis must be typewritten on paper 8½x11 inches.

## STATE CERTIFICATES

In accordance with the law passed by the Thirty-first General Assembly, the State Board of Educational Examiners will grant a five-year first grade state certificate to each graduate of Central College who has completed certain prescribed work, consisting of Psychology six semester hours, and Education fourteen semester hours. This certificate may be renewed at the end of five years upon proof of three years' successful teaching.





# Departments of Instruction

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## BIBLICAL LITERATURE

PRESIDENT BAILEY

**I-II. General Introduction to Biblical Literature and History**—The principal stages of biblical history, the classification of the books and the study of their contents in genetic relation to the history, the growth of the canon, and the translation and transmission of the Bible in the church. Required, of all students. Sophomore year, three hours weekly.

**III. Prophecy**—The origin and history of prophecy, its characteristics and ruling ideas, and the distinctive messages of its great representatives. First semester, three hours weekly.

**IV. Life and Teachings of Jesus**—Constructive study of the life of Jesus, an interpretation of his leading teachings, and their application to present-day problems. Second semester, three hours weekly.

**V. Selections from the Old Testament**—The priestly institutions, the wisdom literature, Old Testament History, etc. First semester, three hours weekly.

**VI. Selections from the New Testament**—The history of the apostolic church, the epistles of Paul, the writings of John, etc. Second semester, three hours weekly.

## PHILOSOPHY

**I-II. History of Philosophy**—The course will seek to introduce the student in as simple and concrete a manner as possible to the distinctive viewpoint and methods of philosophy. Throughout the course

attention will be given to the relation of philosophy to other typical interests of life, and the aim will be to help the student to a point of view and method for considering the meaning of the world and human life. Three hours. Throughout year.

**III. Logic**—An outline course in Logic. A careful examination will be made of the logical value of concepts, judgments, and reasonings as used in scientific procedure. Attention will be given to the bearing of scientific method upon practical problems, and to the cultivation of habits of clear and accurate thinking. Three hours. First semester.

**IV. Ethics**—The course consists of an outline study of the typical facts of moral life in their genetic relations, and of the conditions and ideals of worthy human conduct today. These facts and ideals will be examined as they are found embodied in social life and in individual behavior. It is the purpose of this course to develop in the student high moral standards of Christian living. Three hours. Second semester.

**V. The Philosophy of Religion**—This course is an examination of the historical, logical and moral grounds for the acceptance of Christianity. Three hours.

**VI. Religious Education**—The philosophy, psychology and pedagogy of religious education as the development of the whole personality. Three hours.

## BIOLOGY

PROFESSOR CHILDS

The aim in the courses in Biology is primarily to give the student a systematic appreciation of the living things with which he daily comes in contact. A large part of the instruction is given in the laboratory, where

the student is trained in skillful preparation of material, accurate observation, and systematic recording of results by means of notes and drawings.

**I and II. General Biology**—A course in the fundamentals underlying both animal and vegetable life. The cell, anatomy and physiology of representative plants and animals, and various problems connected with living organisms, are considered. Two class and two laboratory periods per week, through entire year. Laboratory fee, \$2.00 per semester.

**III. Invertebrate Zoology**—A laboratory course intended to acquaint the student, by means of careful dissections, with representative invertebrate animals, and their relationships. Supplemented by lecture and recitation work.

Prerequisite, Courses I and II. One class and two laboratory periods per week, first semester. Laboratory fee, \$2.00.

**IV. Vertebrate Zoology**—A laboratory course intended to acquaint the student, by means of careful dissections, with representative vertebrate animals, and their relationships. Special emphasis is placed on mammals, using the cat as a type. Supplemented by lecture and recitation work.

Prerequisite, Courses I and II. One class and two laboratory periods per week, second semester. Laboratory fee, \$2.00.

**V and VI. Human Physiology**—An advanced course considering in detail the anatomy and physiology of the human body. Emphasis is laid upon the hygiene of the various organs. A text-book course, supplemented by lectures, experimental and microscopic work.

Prerequisite, Courses I and II. Three hours per week. Laboratory fee, \$2.00 per semester.

**VII. Phanerogamic Botany**—An advanced course considering in detail the structure, physiology and relationships of flowering plants. Given alternate years with Course IX.

Prerequisite, Courses I and II. One class and two laboratory periods per week, first semester. Laboratory fee, \$2.00.

**VIII. Cryptogamic Botany**—An advanced course considering the structure, relationships, life histories and development from lower to higher forms, as illustrated by representative cryptogams.

Prerequisite, Courses I and II. Desirable antecedent Course VII. Given alternate years with Course X. One class and two laboratory periods per week, second semester. Laboratory fee, \$2.00.

**IX. Histology**—This course deals with the microscopic anatomy of a number of animal and plant tissues. Thorough instruction is given in general biological technique with special emphasis upon the preparation of tissue for microscopic study.

Prerequisite, Courses I and II. One class and two laboratory periods per week, first semester. Given alternate years with Course VII. Laboratory fee, \$2.00.

**X. Embryology**—Lectures and laboratory work. The course is based largely upon the development of the frog and the chick.

Prerequisite, Courses I and II. Given alternate years with Course VIII. One class and two laboratory periods per week, second semester.

## CHEMISTRY

PROFESSOR McINTIRE

Laboratory fee, \$3.00 per semester.

**Chemistry I-II. Inorganic Chemistry**—A general course, designed for those who are beginning. Three recitations and two laboratory periods per week throughout the year.

**Chemistry III. Qualitative Analysis**—One recitation and two laboratory periods, first semester.

Prerequisite, Courses I and II.

**Chemistry IV. Quantitative Analysis**—One recitation and two laboratory periods per week, second semester.

**Chemistry V-VI. Organic Chemistry**—Two recitations and two laboratory periods per week throughout the year.

**Chemistry VII. Food Chemistry**—A course in the chemistry, nutritive value, and adulteration of foods. Two recitations and one laboratory period per week, first semester. Prerequisite courses, I and II.

**Chemistry VIII. Water Analysis**—A course in sanitary examination of water to determine its suitability for drinking purposes. Two recitations and one laboratory period per week, second semester. Prerequisite courses, I and II.

## DUTCH

Courses in the Dutch Language and Literature will be offered beginning with the year 1916-17. They will be intended to serve the interests of those who may expect to labor among the Dutch speaking Churches, and any others who for any reason may desire to do

the work. The courses cannot now be announced in detail but they will be in charge of a thoroughly competent teacher, and will meet all requirements.

## ENGLISH

PROFESSOR GRAHAM

The aim of this department is to give the student knowledge; to inspire appreciation; to cultivate the ability to criticise and the power to do. The following courses are given:

**I-II. Freshman Rhetoric**—Three hours per week. The study of literary models in each division of style; original work in debate, narration, description, editorial work, etc.

**III-IV. Sophomore Literature**—Three hours per week. Course (a). American Literature, History of Literature and extensive reading from American authors. Course (b). Current Literature. Sources: Recent Publications and Current Magazines.

**V-VI. Junior and Senior Literature**—Three hours per week. Course (a) Shakespeare and the history of the drama; History of fiction. Course (b) Nineteenth Century poetry; the English Essay. These courses are given alternately.

**VII-VIII. Anglo Saxon**—Middle English, Language History. Required in Group I; elective in other groups. Three hours per week.

**IX-X. Debating**—Study of the forms of argument, fallacies, refutation, etc; Practice in preparing and presenting debates, and in extemporaneous argument.



## FRENCH

PROFESSOR GREINER

**I-II. Beginning French**—Walter-Ballard's Grammar and Ballard's Reader are used. Much attention is given to phonetics, to the mastery of a vocabulary, the verb, and the peculiarities of syntax. Written exercises are used to lead up to conversation.

**III-IV. Second Year**—A review of the principles of grammar, followed by special study of the irregular verb and the subjunctive. Various classics, both prose and poetry, are read. The authors vary from year to year. Moliere, Dumas, Hugo, Maupassant and others have been used.

## SPANISH

One year of Spanish is offered. The texts to be used are Wegner's Spanish Grammar and Matzke's Reader or an equivalent. In the second semester an easy modern classic will be read.

## GERMAN

**I-II. Beginning German**—A thorough course in the essentials of the German language. The direct method is used and much stress is placed on inductive work and conversation. The Grammar is Manfred's *Ein Praktischer Anfang*. The Reader is "Vorwaerts." Purin-Roeddor's *Deutsche Gedichte und Lieder* furnishes material for memorizing, first proverbs and then poems.

**III and IV. Second Year German**—The elements of grammar are reviewed by means of Bernhardt's German Composition which is used throughout the year. Connected with it are exercises in reading, conversation, dictation, essays and grammar drills. Ety-

mology, morphology and the comparative study of language is made the basis of all grammatical work. A number of texts are read such as Immensee, Der Schweigersohn, Das Edle Blut, Die Journalisten, Gernelshausen, etc. The singing of German folk songs is occasionally taken up. Four hours per week.

V ad VI. **Third Year German**—In this course a number of classics are read such as Schiller's "Maria Stuart," Goethe's "Herman and Dorothea," etc. As a basis for conversation, word study, and essays, Schiller's "Wilhelm Tell" is used. Other authors are also used. Dictation and singing also given. Three hours per week throughout the year.

VII and VIII. **Modern German Classics**—A critical and analytical study of such modern German classics as the dramas by Ludwig, Gillparzer or Fulda, or a novel by Heyse. In the second semester the reading and interpretation of German poetry is introduced; next year a semester will be given to Goethe. Conversation in the German language is practiced as much as possible. Three hours per week throughout the year.

## GREEK

PROFESSOR HUSTON

I. **Lysias**—Selected orations: Freshman year, first semester, four hours weekly.

II. **Homer**—Iliad Books I-III, with selections from the Odyssey; Freshman year, second semester, four hours weekly.

III. **Plato**—Apology and Crito, with selections from the Phaedo; Sophomore year, first semester, four hours weekly.

**IV. Demosthenes**—On the Crown; Sophomore year, second semester, four hours weekly.

**V and VI. Drama**—Tragedy and comedy, selected plays; Junior year, four hours weekly.

**VII and VIII. New Testament Greek**—Characteristics of the Greek of the New Testament with special attention to syntax. Burton's Moods and Tenses and translation of Luke, Acts and Hebrews. Four hours weekly.

## LATIN

**I. Cicero.** De Senectute, and Terence, Phormio, Arnold's Latin Prose Composition, revised; four hours weekly, first semester.

**II. Livy,** Books I; XXI and XXII. Prose composition continued; four hours weekly, second semester.

**III. Horace,** Odes; attention is given to prosody; three hours weekly, first semester.

**IV. Tacitus;** Germania and Agricola; studies in Latin Literature; three hours weekly, second semester.

**V and VI. Comedy;** Terence and Plautus; Satire: Juvenal; (b) Martial: Epigrams; three hours weekly.

## HISTORY

PROFESSOR SORENSEN

The department of History aims not only to give the student a thorough knowledge of the periods of history covered by the courses outlined below, but also to furnish thorough and systematic training in the effective use of the excellent history library which the college possesses.

**I. History of Western Europe** from the decline of

the Roman Empire to the opening of the Italian Renaissance. Lectures and recitations. Required topical reading with weekly written summaries. Four hours per week, first semester, Sophomore year.

**II. Italian Renaissance and Protestant Reformation**—A continuation of History I., dealing chiefly with the subjects mentioned in the title. Lectures, recitations and required readings. Four hours per week, second semester, Sophomore year.

**III. French Revolution and Napoleonic Era**—Lectures, text and collateral readings. Monthly reports of reading required. Three hours per week. Given 1916-1.

**IV. Nineteenth Century in Europe** — Lectures, readings and text book. Special emphasis upon the Industrial Revolution and the resulting political and social changes. Three hours per week.

**V. Formation of the Union**—Special study of the period of the Confederation and of the early development of our government under the present constitution. Lectures, text and readings. Semester thesis required. Three hours per week.

**VI. Civil War and Reconstruction** — A careful study of the causes leading to the division of the Union and of the problems of the reconstruction period. Lectures, text and readings. Semester thesis required. Three hours per week. Alternates with III-IV.

**VII and VIII. Contemporary History** — Elective open without prerequisite to all college students. Reading, lectures and class discussion required. reading in periodicals and newspapers. The lecture subjects are to some extent determined by the events of the year, but always include a brief examination of

the governments and the political parties of the principal countries of Europe. Three hours per week.

## SOCIAL SCIENCE

**I-II. Economics**—During the first semester a careful consideration is given to the basic principles of economics; the nature and laws of human wants, utility, wealth, value, price; economic production, distribution, and consumption; land, labor, capital, and business organization; rent, interest, wages and profits; competition and monopoly. In the second semester attention is given to some of the larger current economic problems; money, banking, monetary reform; tariffs and taxation; transportation, trusts, labor problems, socialism, etc. Three hours throughout the year.

**III-IV. Sociology**—The organization of society is studied as an introduction to a broader survey of the factors and causes of social phenomena. Some of the more important social processes are analyzed, and the physical, biological, and psychic factors of social evolution are considered with the view to examining broadly the forces that affect social progress. Three hours. Alternates with V-VI.

**V-VI. Political Science and Government**—A general course in the genesis, nature, and practice of government; Constitutions and the machinery of government; political parties, public opinion, strength and weakness of democracy, comparison of the various forms of government, etc. Alternates with III-IV. Given 1916-17.



# MATHEMATICS

PROFESSOR PHILLIPS

**I. College Algebra**—Simple and quadratic equations, including systems of simultaneous equations; graphs; proportion and variation; series; binomial theorem; theory of logarithms partial fractions; determinants; probability; theory of equations. First semester, Freshman year. Text, Haw's "Advanced Algebra." Four hours.

**II. Trigonometry**—Elements of both plane and spherical trigonometry; triangulation; use of transit, and solution of problems in surveying. solution of spherical triangles with applications that will enlighten the work in astronomy and other future courses. Four hours.

**III. Analytical Geometry**—The curve and the equation in both rectangular and polar co-ordinates; conic sections; tangents and normals; a general course in two and three dimensions. First semester. Text, Smith and Gales' "Introduction to Analytical Geometry." Four hours.

**IV. Differential Calculus**—Theory of limits; higher derivatives; maxima and minima; exponential, circular, and hyperbolic functions; rates; practical applications with special reference to physics. Second semester. Text, Granville's Elements of Differential and Integral Calculus. Four hours.

**V. Integral Calculus**—Review and completion of differential calculus; methods of integration; processes of summation; differential equations; graphical calculus and practical problems. First semester. Text, Granville's "Elements of Differential and Integral Calculus." Four hours.



**VI. History and Teaching of Mathematics**—Lectures and library work designed to aid those who plan to teach mathematics; survey of the development of mathematics from the earliest times; effect of tradition, and of investigation, upon modern courses; methods of presenting the subject. Second semester. Texts, Cajorie's "History of Mathematics;" Young's, "The Teaching of Mathematics." Four hours.

**VII. Astronomy**—Lectures, text-book work, use of observatory, designed to illustrate facts and theories of astronomy. The equipment is such as to make this course quite complete. Text, "Young's Manual of Astronomy." Four hours.

## PHYSICS

**I and II. General Physics**—This course is divided into two parts (a) and (b). (a) is a theoretical study of the fundamental principles of mechanics, heat, sound, light, and electricity. Numerous experiments are performed before the class illustrative of these principles. Two recitations per week through the year. (b) is a laboratory course in which the student takes up many of the principles studied in (a) and works them out quantitatively. Two laboratory periods per week through the year. Sophomore year.

**III and IV. Advanced Mechanics**—This course is designed for those preparing for engineering courses and deals especially with those principles of mechanics which are most necessary to the engineering course contemplated. Lectures and laboratory work through the year. A knowledge of calculus is essential.

**V and VI. Advanced Electricity**—This is a course in advanced electricity and magnetism and involves a

careful study of the properties of direct and alternating currents, and the types of machinery and instruments used with each. Careful attention is given to the measurements of currents and resistance. A knowledge of calculus is essential for the mathematics involved. The work is designed to fit one for an electrical engineering course. Lectures and laboratory work through the year.

## GEOLOGY

I. The elements of dynamical, structural and historical geology are each considered. Particular attention is given to both the destructive and constructive processes and their resulting formations. Occasional excursions into the country and to the coal mines are made to study these processes. The specimens in the Randolph Geological Museum are constantly referred to show the typical rock formations and illustrate the successive changes from one geological period to another.

## PSYCHOLOGY AND EDUCATION

PROFESSOR DODSON

The aim of this department is not only to acquaint the students with the subjects of psychology and education for purposes of general culture, but also to give special professional training to those who may desire to prepare themselves for teaching.

I. **General Psychology**—An outline course or general introduction to psychology; nature and scope of psychology; the relation of mental states to bodily processes; and the description and classification of processes in consciousness. 'Three hours.

II. **Childhood and Adolescence**—Mental develop-

ment in the individual. Development of the child from infancy through adolescence. Three hours.

**III. Physiological and Experimental Psychology—**A study of the physiology and psychology of the central nervous system; and practical demonstrations of typical experimental investigations of the common functions of mental activity. One recitation and two laboratory periods per week. Three hours.

**IV. Abnormal and Social Psychology—**An outline course in the study of diseased forms of mentality and unusual phases of conscious processes; and of the social groups and their characteristics, the crowd and mob consciousness.

## EDUCATION

**I. Principles of Education—**Education considered from the biological, physiological, psychological and sociological standpoint. Representative topics; habit, heredity, culture epochs, instinct, imitation, suggestion, training of the different functions of the mind. motor activities; formal discipline, educational values and theories. Three hours.

**II. History of Education—**A general survey of the evolution of educational institutions, practices and principles through ancient, mediaeval and modern times, giving special attention to the great educational reformers and educational classics. Three hours.

**III. Methods of Instruction—**General and special methods of instruction in secondary and elementary branches. Three hours.

**IV. a. Supervision and Management of Schools—**Practical problems of school administration and organization, such as the function of officials, supervisors,

principals and superintendents; the making and administering of courses of study; and management and supervision of class work. Three hours.

IV. b. **School Hygiene**—Problems of school hygiene including, construction of buildings, heating, lighting, ventilation; school diseases and medical inspection of schools; hygiene of school activities. Two hours.

V. a. **Philosophy of Education**—A study of select topics dealing with fundamental conceptions of education as a biological, physiological, social, psychical and philosophical process. Two hours.

V. b. **Educational Psychology**—A somewhat detailed study of the various aspects of the learning process, as presented by Pyle and Thorndike. Two hours.

## HOME ECONOMICS

MISS DUNKLE

The aim of this department is not only to prepare women to administer the affairs of their own homes but also to equip those who desire to teach the subject of Home Economics in the schools. The completion of the full course requires two college years. The certificate of graduation renders the holder eligible as special teacher of Home Economics in the High Schools of the State.

**Domestic Art I.**—Hand and machine sewing; drafting and use of patterns; hygiene of clothing.

**Domestic Art II.**—Advanced work in hand and machine sewing; dress in relation to art; costume designing. Economic, hygiene, and aesthetic aspects of dress.

**Textiles**—Primitive and modern methods of manufacturing. A complete study of all textile fibers with laboratory work.

**Millinery and Art Needlework**—Designing and drafting of patterns for buckram hats, construction of wire frame, making of hats. History and art of needlework with application of all ornamental stitches.

**Food Preparation I.**—Selection and care of foods; full consideration of menus; preparation and serving of well balanced meals; value of food; study of food principles.

**Advanced Food Preparation II.**—Advanced work in manipulation theory, value of food and a full treatise of invalid cookery. Serving of formal and informal meals. Individual demonstrations.

**Food Study**—Source, chemistry and use of foods and food products. Special attention given to food adulterations.

**Physiology and Home Nursing**—Anatomy and physiology of the human body with emphasis placed upon hygiene and its application. Essentials of home nursing; study of contagious diseases, emergencies, food for the sick.

**Dietetics**—Principles of human nutrition. Application to needs of individuals and groups under varying conditions. Dietary standards. Careful study given to care and feeding of infants.

**Household Management and Hygiene**—Proper division of income, study of household account systems; servant systems; servant problem, buying supplies. The beautiful home; its situation; drainage, heating and lighting. Methods in home laundering.

**Interior Decoration**—Development of modern home, planning of convenient houses. Study of decorating and finishing to produce harmonious effects. Correlation of cardboard construction and basketry.

**Organization of Home Economics**—Planning of courses to meet different conditions, study of equipment and present status of Home Economics education,



The work that is offered may be represented synoptically in the following:

## FIRST YEAR

### First Semester

Inorganic Chemistry, 4 hours  
Sewing, 2 hours.  
Food Preparation, 2 hours  
Food Study, 4 hours  
English, 5 hours  
Millinery and Art Needlework, 2 hours

### Second Semester

Inorganic Chemistry, 4 hours  
Sewing, 2 hours  
Food Preparation, 2 hours  
Physiology and Home Nursing, 4 hours  
English, 5 hours  
Millinery and Art Needlework, 2 hours

## SECOND YEAR

### First Semester

Food Chemistry, 4 hours  
Dressmaking, 2 hours  
Microbiology, 2-2 hours  
Psychology, 3 hours  
Advanced Food Preparation, 2 hours  
Interior Decoration, 3 hours  
Organization of Home Economics, 2 hours

### Second Semester

Physiological Chemistry, 2-2 hours  
Dietetics, 3-1 hours  
Advanced Dressmaking, 2 hours  
Textiles, 2 hours  
Household Management, 4 hours  
Advanced Cooking, 2 hours  
Practice Teaching, 1 hour

In addition to the above work the following courses will be required for a Bachelor of Science Degree in Home Economics:

## JUNIOR YEAR

	Credits
English	3
French or German	4
Biblical Literature	3
History	4
Education	2

	Credits
English	3
French or German	4
Biblical Literature	3
History	4
Education	2

## SENIOR YEAR

	Credits
German or French	3
Ethics	3
Education	5
Elective	2

	Credits
German or French	3
Social Science	3
Education	5
Elective	2



# The Academy

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## General Information

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Central Academy is a first-class secondary school.

There are two main courses of study: College Preparatory, and Normal Training. They are four-year courses, corresponding to courses offered in the fully accredited high schools of the state.

### ADVANTAGES

The Academy is affiliated with the College in spirit and methods of work. It occupies the same grounds, uses in part the same buildings and is under the same general management.

The Academy will thus prove a splendid place for those preparing for college as well as those who, finding it utterly impossible to secure a college education, want a well-balanced academic training. It will be a good place for young people of high school age, since they will thus pass their early formative years in the educational atmosphere created by the college and may develop their character in the midst of spiritual influences that will help towards a better life.

Moreover, those, who for any reason have temporarily withdrawn from school work, and who, on account of age and other considerations, hesitate to return to the high school, will find in Central Academy the place for recovering lost opportunity and will be given all possible aid in securing the desired education.

### GOVERNMENT

In the administration of the government of the Academy the aim will be, as in the College, to lead students to regard themselves as responsible for good

order. Training in self-government is a part of an academic education. Breach of good academic order will be followed by deprivation of the privileges the Academy offers. Persistent disorder, and also persistent idleness, will result in a request to parents or guardians that such students be withdrawn from the Academy. Students leaving the Academy must request honorable dismissal, which is granted only by vote of the Faculty.

### ADMISSION

Young people of good character will be admitted to Central Academy and assigned to classes according to their attainments. All candidates for admission should present themselves promptly at the opening of the year, with a record of previous work, showing studies taken and the time spent upon the various subjects.

To those asking advanced standing in the Academy credit will be given for previous work done in other similar institutions. All students are on trial and if the class room work shows poor preparation, inadequate for the assigned class, the student will be required to take such reviews and reassignment of standing as may seem best to the Faculty.

### REGISTRATION

The days appointed for admission and registration are those indicated in the College Calendar. New students should, if possible, present themselves to the Registrar on the first day appointed for the admission of students.

### GRADUATION

While in most cases it will require four years to

complete the work required for graduation, it is not the policy of the Academy to hold back those who are unquestionably able to carry more work than the regular yearly assignment. Exceptionally mature, earnest and capable students may in the four years complete the Academy work and a portion of the Freshman year in the College.

All graduates or marticultates from the four-year courses of the Academy are required to write an original production in the contest for the Lewis Medal. The subject of the production must be decided upon not later than April 1st and reported to the Head of the English Department. The completed work must be handed in by May 15th preceding graduation. The production must contain from one thousand to fifteen hundred words.

## THE CURRICULUM

The whole amount of work required to complete the Academy course consists of 15 units. For every student looking toward the A. B. degree the following are the uniform requirements:

English -----	3 units
Algebra -----	1 unit
Plane Geometry -----	1 unit
Physics or Biology or Chemistry	1 unit
Advanced Physiology -----	1½ unit
Physiography -----	1½ unit
History -----	1 unit
History, Civics or Economics--	1 unit
Latin or Greek -----	2 units
German, French, Latin or Greek	1 unit
Free Elective -----	3 units

For the A. B. degree three units of foreign lan-

guage are required. Of these three at least two must be either Latin or Greek. The other one may be an additional unit in either Latin or Greek or in German or French.

For the student expecting to work for the S. B. degree the requirements are the same as for the A. B. degree, except in the matter of languages. For this degree three units of any foreign language or languages may be taken provided that not less than two of the three units be taken in some one of the languages chosen.

The electives may be chosen from any of the above named subjects not offered to make up the required 15 units, or from Domestic Science, Agriculture, Commerical Subjects, History of Music, and Harmony.

## NORMAL TRAINING COURSE

Graduates from this course in Central Academy receive a first-grade certificate permitting them to teach in rural schools and in the grades without further examination. The work is under the direction of the State Department of Public Instruction.

The following summary shows in a convenient form the subjects required and the amount of time to be given to each in order to graduate from the Normal Training Course.

Six semesters of English including the one semester of grammar of the Normal Course.

Three semesters in Algebra.

Two semesters of history, ancient, mediaeval and modern, or general.

Four semesters of Latin or an elective.

Two semesters of plane geometry.

One semester of civics.

One semester of physiology or geography (political or commercial.)

Two semesters of physics.

One semester of political economy.

One semester of arithmetic in the third or fourth years.

One semester of grammar in the third or fourth years.

One semester of United States history in the third or fourth years.

One semester of reading in the third or fourth years.

One semester of home economics in the third or fourth years.

One semester of agriculture in the third or fourth years.

Two semesters of pedagogy in the third and fourth years.





# The Courses of Study

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NOTE: The numerals immediately following the subjects give the number of the course, those at the extreme right of the table indicate the number of hours per week.

## COLLEGE PREPARATORY COURSE

### First Year

FIRST SEMESTER		SECOND SEMESTER	
English 1	5	English 2	5
Mathematics 1	5	Mathematics 2	5
Physiology	4 or 5	Physical Geography	4 or 5
Latin 1, German or French	5	Latin 2, German or French	5
Physical Training	2	Physical Training	2

### Second Year

English 3	5	English 4	5
Mathematics 3	5	Mathematics 4	5
Latin 3, German or French	5	Latin 4, German or French	5
Physical Training	2	Physical Training	2
Elective	4 or 5	Elective	4 or 5

### Third Year

Physics or Biology or Chemistry	4	Physics or Biology or Chemistry	4
History 1	5	History 2	5
Latin 5, German or Greek or French	5	Latin 6, German, Greek or French	5
Physical Training	2	Physical Training	2
Elective	5	Elective	5

### Fourth Year

English 5	5	English 6	5
History, Civics or Econ.	5	History, Civics or Econ.	5
Physical Training	2	Physical Training	2
Elective	5 or 10	Elective	5 or 10

# NORMAL TRAINING COURSE

## First Year

FIRST SEMESTER		SECOND SEMESTER	
English 1	5	English 2	5
Mathematics 1	5	Mathematics 2	5
Physiology	5	Physical Geography	5
Latin, German, French	5	Latin, German, French	5
Physical Training	2	Physical Training	2

## Second Year

English 3	5	English 4	5
Mathematics 3	5	Mathematics 4	5
Elective	5	Elective	5
Latin, German, French	5	Latin, German, French	5
Physical Training	2	Physical Training	2

## Third Year

Physics	5	Physics	5
History 1	5	History 2	5
English 7	5	Reading	5
Domestic Science or Agriculture	5	Domestic Science or Agriculture	5

## Fourth Year

Mathematics 7	5	Mathematics 8	5
History 3	5	History 4	5
Pedagogy 1	5	Pedagogy 2	5
Economics	5	English 6	5

# Description of Courses

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## BIOLOGY

1. **A Course in Human Physiology, and Hygiene and Sanitation:** Required of all Academy students, is a practical study of these subjects and is intended to give the student a knowledge of the laws of health. Largely laboratory work; first semester, three hours per week.

2. **Physiography.** Intended to acquaint the student with the world about him, and to introduce him to the various branches of science which this broad field touches; second semester, three hours per week. Largely laboratory work. Fee, \$1.50.

3. **Zoology.** An elementary course in Zoology, giving the student a knowledge of the animal kingdom and practical work in laboratory technique. First semester; two laboratory periods and two recitations per week. Fee \$2.00.

4. **Botany.** A course in general Botany with practical laboratory work. The last six weeks are devoted to the study of the local flora. Second semester; two laboratory periods and two recitations per week. Fee, \$1.50.

5. **Agriculture.** A course especially intended to meet the needs of those expecting to teach; also those students coming from the farms will find it helpful. Two laboratory periods and two recitations per week. Fee, \$1.50.

## CHEMISTRY

1-2. **Inorganic Chemistry**—Recitation and labora-

tory work. The aim is to acquaint the student thoroughly with the foundations of chemical knowledge and in the laboratory to familiarize him with the most approved methods of chemical manipulation. Much credit will be given for excellence in laboratory work. Two recitation and two laboratory periods weekly. Laboratory fee, \$3.00 per semester.

## ENGLISH

Candidates for entrance to the English classes of the Academy must present satisfactory credits in eighth grade work or pass an examination. This course covers three preparatory units, or six credits; three in grammatical analysis, word analysis, composition and rhetoric; three in English and American classics. Any student who proves to be deficient in the use of English will be required to take work in Grammar. This must be taken in addition to the regular courses.

1-2. **English Composition**, two hours. Grammatical Analysis and Word Analysis, three hours. Five hours per week throughout the first year.

3-4. **Literature**. A study of Scott, Eliot, Shakespeare, Tennyson, Milton, Coleridge, Lowell, Hawthorne, Irving and others. This is first an appreciative study of literary values; second, an analysis of literary forms and their essential characteristics. Five hours per week throughout the second year.

5. **Rhetoric and Theme Writing**. A course in theory and practice. Five hours per week, first semester.

6. **History of English Literature**. Outside reading and notebook work required. Five hours, second semester.

## GERMAN

MISS ASCHENBRENNER

1-2. **First Year German** — A beginning course. Great stress is laid upon the fundamentals of the language. The grammar used is Baker-Rhodes. The reader used is "Im Vaterland." Four hours per week throughout the year.

3-4. **Second Year German** — Bernhardt's German Composition is used. The grammar is thoroughly reviewed. A number of reading texts are introduced during the year. Four hours per week throughout the year.

## GREEK

MISS HUSTON

The regular work in this subject includes two years, five hours a week. In the first year the usual amount of Beginner's Greek is given, together with thorough drill in vocabulary and some practice in reading selections from the Anabasis. In the second year the first four books of the Anabasis are given, together with the writing of Greek and thorough drill in the grammar of the language. In addition, there is practice in sight reading from the later books of the Anabasis or from other authors.

For the benefit of those who lack Greek, yet desire to enter the Freshman class for the A. B. degree, a so-called "Rush" class is organized which completes two years in one. Only students of good standing and ability will be allowed to enter this class and to fall below 80 per cent in class grade will debar one from the class.

## HISTORY

MR. McWILLIAMS

The courses in academy history have been arrang-

ed with reference to the requirements of the State Department of Public Instruction. Much of the material in the history section of the library has been selected to meet the needs of students preparing for teaching, as well as to give the general student opportunity to do a high grade of work.

1-2. **American History and Civics**—Recitations with drill in the use of sources and in topical investigation. Five hours per week, throughout the year.

3-4. **General European History**—Special emphasis on the history of Greece and of Rome. Recitations with regular supplementary lectures, and readings. Five hours per week, throughout the year.

## LATIN

MISS VANZEE

1-2. **Beginning Latin.** Text: D'Oge. Five hours per week.

3-4. **Caesar: Gallic War**, four books. Text: Walker. Prose Composition. Text: D'Ooge. Five hours per week.

5-6. **Cicero:** Six orations, including the Manilian Law. Text: Kelsey. Prose Composition. Text: D'Ooge. Five hours per week.

7-8. **Virgil:** Aeneid, six books. Metrical reading of the dactylic hexameter. Text: Knapp. Four hours per week. Mythology. Text: Galey's Myths. One hour per week.

Bennett's Latin Grammar is used the last three years.

## MATHEMATICS

MISS ASCHENBRENNER

1-2. **Algebra**—This is the beginning course in



the study of Algebra. Mastery of elementary processes with accuracy and rapidity is the chief aim. The course extends through Quadratic Equations. First year academy. Five hours per week throughout the year.

**3-4. Plane Geometry**—The fundamental propositions of Geometry are demonstrated and discussed. Emphasis is laid upon original problems and demonstrations. Prerequisite, Course 1-2. Second year academy. Five hours per week throughout the year.

**6. Solid Geometry**—The course includes the study of plane surfaces, the cone, cylinder and sphere. Prerequisite, Course 3-4. Third year academy, second semester. Five hours per week.

**7. Algebra** — A continuation of Course 1-2. Preparatory course for College Algebra. Fourth year academy, first semester. Five hours per week.

**8. Arithmetic**—This course is offered to the Normal students who have finished Course 7, but may be taken by any who need the work in this branch.

## PHYSICS

PROFESSOR PHILLIPS

**1-2.** A thorough course in the elementary principles of physics, consisting of recitations and laboratory work. Three recitations and two laboratory periods throughout the year. Laboratory fee, \$2.00 per semester.



# The Conservatory of Music

George Francis Sadler, Director

## GENERAL INFORMATION

The Conservatory of Music is especially fortunate, because it is intimately associated with Central College and enjoys all its social, religious and intellectual advantages. As the course of study laid down in colleges and seminaries of learning is not intended to give a knowledge of any one branch alone, but, to broaden the student with such an intellectual development as will establish a substantial basis for future attainments, so in the conservatory the course has been planned with reference to securing that symmetrical development of the musical faculties which is essential to the true musician, whether teacher or artist.

Central Conservatory is persistently advocating the work of preparation for the practical knowledge of the science of musical composition which is necessary to an intelligent appreciation of musical masterpieces.

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## STATEMENT OF THE WORK

### PIANOFORTE

I. It is essential that the student develop perfect control of the muscles and the fingers, hands and arms, making them responsive to the commands of the will. Technical exercises which will bring about this development are given according to the demands of the individual.

II. Etudes by the best composers and teachers.

III. Ensemble playing. Compositions by ancient and modern composers, aesthetic development.

Information regarding a course in Pianoforte is not easy to give since the course varies more or less for different students, according to their personal needs,

## VOICE

We endeavor to carry forward the information and development of the singing voice; not by the so-called method of the Italians, nor that of the Germans exclusively, but by the adoption of what are believed to be the best features of all methods as well as by the use of a discriminating judgment as to any peculiar needs of the particular voice under treatment. Thus we hope to fit our pupils for positions in church choirs, for successful teaching, and in all artistic singing.

## PIPE ORGAN

The magnificent Moller organ in the Baptist church

## ERRATUM p85

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After **Theory** insert the following:

"The work required in Theory is as follows:

Harmony	-----	4 semesters
Musical History	-----	2 semesters
Musical Analysis	-----	4 semesters

## HARMONY

First Semester—Keys, scales, intervals, combinations of triads, chord connection, simple part writing from given basses and sopranos.

Second Semester—Continuation of work of first semester. Chords of the seventh, augmented chords, altered chords.

## GENERAL INFORMATION

The Conservatory of Music is especially fortunate, because it is intimately associated with Central College and enjoys all its social, religious and intellectual advantages. As the course of study laid down in colleges and seminaries of learning is not intended to give a knowledge of any one branch alone, but, to broaden the student with such an intellectual development as will establish a substantial basis for future attainments, so in the conservatory the course has been planned with reference to securing that symmetrical development of the musical faculties which is essential to the true musician, whether teacher or performer.

Composers, aesthetic development.

Information regarding a course in Pianoforte is not easy to give since the course varies more or less for different students, according to their personal needs,



## VOICE

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## PIPE ORGAN

The magnificent Moller organ in the Baptist church is used by the Conservatory of Music. This affords us the rare opportunity of preparing our students for church organ positions and concert work.

A new Estey practice organ with electric blower has been added to the equipment. The organ is placed in a room of the Association building.

The demand for church organists is very great and special prominence is given to this department of instruction. Practice hours can be arranged for by conferring with the Director. The plan of work provides for thorough training in all that pertains to a master of organ, systematic drill in technic, registration, the art of improvisation, accompaniment, etc.

## THEORY

### Two Hours Weekly

First semester—Keys, scales, intervals, formations of triads, chord connection, simple part writing from given basses and sopranos.

Second Semester—Continuation of work of first semester. Chords of the seventh, augmented chords, altered chords.

Third Semester—The suspension, retardation, appoggiatura, anticipation, passing tone, modulation.

Fourth Semester—Single and double chants, German chorals.

## MUSICAL HISTORY

Two Hours Weekly.

The course treats of the beginning of Music, Greek modes, systems of notation, early Christian music, Troubadours and Minnesingers, rise and progress of Opera and Oratorio, development of forms, romanticism. instrumental development and the composers for piano and other instruments, the virtuoso, the music drama, the relationship of music to the other arts, musical criticism.

Musical History may be taken any time in the course.

## ANALYSIS

Two Hours Weekly.

Motives, phrases, periods, cadences, accent, rythm, key relationship, thematic development, the rondo form, the sonataform, analysis of Beethoven's Sonatas, Grand Opera, Oratorio and other works.

## DEGREES

Three studies are required for the degree of Bachelor of Music (Mus. B.) two of which must be Piano-forte and Theory; the third may be elected.

Students must have completed a course of literary work equivalent to that of the College entrance requirements as defined in the Central College catalogue. All candidates for degrees must give public recitals on their chosen instruments during their Senior and Junior years.

## TEACHERS' CERTIFICATE COURSE

A teachers' certificate course is offered, which consists of the full course in Theory (except the last two semesters in Analysis,) two years of advanced piano or voice and the equivalent of two years of High School work.

## CHILDREN'S DEPARTMENT

Special rates are made to children fourteen years old and under.

## RECITALS

Public recitals are given by the students at which they perform such pieces as are assigned them by their teachers, for the purpose of giving them ease and self-control in public. Studio recitals are held every two weeks, to which only the music students are admitted.

## LIBRARY

The Conservatory has secured a large library of sheet music, including all the best works of almost all of the composers of any repute, classical or modern, and a large selection of technical studies. The music is all carefully bound and cared for. This is a great advantage, as it saves the time of both teacher and pupil in being able to obtain what is needed at a lesson and not having to wait to send to a publisher or music house. A small library fee is charged each student and all of the music throughout the course is furnished.

## MUSICAL ORGANIZATIONS

Glee clubs, quartets and church choir work are open to those who are desirous and capable of doing such work. The positions are secured by competition. Central Conservatory of Music has established a splendid reputation for work in this line and great emphasis is laid upon this phase of the work. Piano students are given ensemble playing throughout the course.



# The Business Department

Fred H. Clifton, Director

## GENERAL INFORMATION

The Business Department is one of the regular departments of Central College. It has ample room and equipment. The Director has had actual experience in the business world and it is his aim to prepare the students for the best positions available. Those studies only are taught which are thought to have real practical value for the students.

### POSITIONS FOR GRADUATES

We have always been able to find employment for all our graduates. To those who satisfactorily complete the Combined Course and fulfill the following conditions a position will be guaranteed. The conditions are that the graduate must be a person of good character, have proven himself trustworthy, painstaking and industrious while in school, and have no bad habits. He must have maintained an average grade of at least 80 per cent in all the studies in the course and be able to take dictation in shorthand at the rate of 100 words per minute during a five-minute test and 35 words per minute on the machine. These requirements are not unreasonable and any average person should be able to attain them during the course. To those who are not able to take the Combined Course or are unable to meet all the above requirements and yet have proven themselves worthy, every effort will be made by the department to secure for them a satisfactory position.

We do not promise a student that he will finish a certain course within a certain time, but we do all within power to advance him as rapidly as possible. The result rests largely with the student.

It is our hope that our students may not only ac-



quire a high degree of proficiency in their studies, but also that they will take full advantage of those opportunities which are to be had for character development. It is expected that all students attend the regular chapel exercises of the college and divine worship once on Sunday. We believe the spiritual life must be developed as well as the mental and physical, in order to give to the world the best that we possess.

A certificate is given for graduation from both our bookkeeping and shorthand courses. A fee of \$3.00 is charged to cover the cost of the certificate and engraving.

No student who has not completed at least eight grades of public school work, will be admitted to the Commercial Department.

## COURSES OF STUDY

We offer the following courses of study, namely: (1) Regular Business; (2) Shorthand Course; (3) Stenotypy Course; (4) Combined Course.

### REGULAR BUSINESS COURSE

The Regular Business Course includes Bookkeeping and Office Practice, Commercial Arithmetic, Rapid Calculation, Commercial Law, Spelling and Penmanship, Commercial Correspondence and Grammar. It requires nine months to complete the course. Students who have taken any study as outlined above and can show satisfactory work may substitute other subjects.

### THE COMBINED COURSE

There is a constantly growing demand for young men and women who are competent both as bookkeepers and stenographers. We have outlined a course

which will furnish a good general business education. It requires from twelve to fifteen months to complete the course. Our course of study is as follows: Commercial Arithmetic, Rapid Calculation, Typewriting and Shorthand, Spelling, Penmanship, Commercial Correspondence, Bookkeeping, with Business Practice, Commercial Law and Office Training.

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## DESCRIPTION OF COURSES

### BOOKKEEPING

The method of instructing in bookkeeping is individual work. Every student performs his own work independently and his progress depends on his own efforts. The work being individual makes it possible for a student to begin the study at any time and the faster student is not held back by the more backward. After the theory is completed the student deals directly with a series of offices, viz: College National Bank, General Agency, Wholesale Office, Freight, Real Estate, and Insurance. The student makes deposits, buys, sells, writes letters and handles checks, notes, drafts, etc. This actual business practice develops the young man or the young woman in a manner that will fit them to safeguard their own property rights as well as to render an effective service to others. By means of this office practice the student is taught not only to do business for himself, but acquires a thorough knowledge of office routine. The bookkeeping is according to the most up-to-date and approved methods in the field of business education.

We also offer a course in Farm Accounting in addition to the regular Bookkeeping Course.

## COMMERCIAL LAW

This is a subject with which we expect our students to become familiar. We insure such thorough instruction as to enable students to understand the general principles of Contracts, Negotiable Papers, Agency, and Insurance and to transact intelligently all legal business pertaining to their own affairs.

## OFFICE PRACTICE

This study is important in the development of an all-around business education and in acquiring a thorough knowledge of office routine. It gives the student experience of the most practical kind, not only in the matter of ordinary correspondence, but also in technical and commercial work. The student is brought into the closest touch with the use of books and papers in actual business.

The Department has recently acquired a new set of Y. & E. files which are used in connection with this course.

## SHORTHAND

We teach the Gregg system of Shorthand. It is probably the most simple, most rapid and most widely used of any system in the field to-day. The first work is a study of the text, mastering the principles and fixing them in the minds of the students. Regular lessons are assigned, and written work is required to be handed to the teacher for examination and criticism. Following the text, comes a study in Dictation, e. g., short stories and other easy matter. Then attention is given to Phrasing, to which heretofore little or no time has been devoted. Following this we devote much time to Business Letters, Legal Terms, Literary

Matter, Court Testimony and Reporting. There is an increasing demand for competent stenographers.

## TYPEWRITING

Typewriting is becoming more and more essential to the success of an individual in the business world. In almost every office typewriters are used. To be able to obtain a position in modern offices, one must operate a machine rapidly and accurately. This can only be accomplished by careful study. We teach the touch system. We have equipped our department with the best, modern, standard machines. Not only is typewriting indispensable to the stenographer, but in many offices the bookkeeper is expected to be able to make statements, write letters, address envelopes, etc., on the typewriter. For those who desire typewriting as an elective, we have a brief course, which enables the student to become competent in typewriting while he is completing his bookkeeping.

In connection with the study of typewriting, the students learn how to do Manifolded, and Tabulating. There are also assigned dictation and speed drills, and students are trained how to properly take care of their machines.

Other Commercial subjects, such as Commercial Arithmetic, Commercial Correspondence, Penmanship and Spelling, are presented in a way adapted to securing the best results.

## STENOTYPY

The Stenotype is a new invention which records the words of the English Language with great rapidity and accuracy. The machine is operated by means of twenty-one keys somewhat similar to those on the typewriter. These keys represent all the sounds in

the English Language. It is claimed by the inventors that the speed of the machine is such that it is impossible to read so rapidly that the records could not be made on the Stenotype.

While Stenotypy is in a sense a competitor of shorthand, inasmuch as it serves the same purpose, still it is not likely to supersede shorthand, but there are many offices in which it may be used to great advantage.

Each operator is the owner of his own machine but he does not acquire title to it until he has become a competent operator. The Stenotype is sold by the Stenotype Company through the school in which the student is registered. The fact that the Stenotype Company will not transfer the title to a machine until the student has been graduated and has received official recognition as a certified stenotypist, makes it impossible for poor stenotypy operators to get into the field.

Classes for Stenotype students will not be organized for less than four students.







# Certificates and Degrees Conferred

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## COMMENCEMENT 1915

### CERTIFICATES

#### Commercial Department

Berg, Bessie                      Smorenberg, Artie

#### Music, Teachers Course

Clark, Carolyn                      Reerink, Dora

#### Academy

Byers, Carl	Ketman, Frances
Campbell, Fern	Lunt, Leland
Clayton, Mabel	Neiswanger, Gladys
Green, Thomas	Neiswanger, Owen
Hillyer, Roy	Nowell, Roy E.

Woody, Clarence

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### DEGREES

#### A. B.

Fuller, Burton	Peterson, Peary
Noffsinger, Sylvia	VanZee, Lily

#### Ph. B.

DeCook, Harry	Frank, Irene
Droz, Lelia	Gosselink, Sarah

#### S. B.

Gezel, Fred	Phillips, Pearl
	VanZee, George

#### Mus. B.

Mincks, Cecile	Thomas, Merna
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#### S. M.

Morrison, Dr. O. C.

#### D. D.

Anderson, Frank Leonard  
Chalmers, William Everett

## COLLEGE

### Seniors

Barron, Nannie	Humeston
Dunn, Jessie	Central City
Hanna, Helen	Epworth
Hunter, E. C.	Corydon
Muirhead, Frank A.	Toledo
TerLouw, John S.	Pella
VanderLinden, Gradus	Pella
VanZee, Pearl	Pella
Vogelaar, Gary	Pella

### Juniors

Braam, Leonard	Pella
Hinton, Clara	Hedrick
Hinton, Eugene	Hedrick
Rhynsburger, Fred	Pella
Roach, Lloyd	Tama
White, Hazel	Grand Junction, Colo.
Reerink, Dora	Pella

### Sophomores

Allen, Leonard	Tama
Aschenbrenner, Ruth	Pella
Bottorf, Jennie	Hedrick
Droz, Leslie	Monroe
Glantz, Esther	Mt. Union
Hallock, W. O.	Neponset, Ill.
Hites, Robert	Ainsworth
Hospers, Anna	Pella
Hospers, Anthony	Pella
Koelman, Wilhelmina	Pella
Lankelma, Herman	Pella
Lowe, James	Barnes City
Marsh, Charles	Ainsworth
Miller, Roy	Kalona
Scholte, Robert	Pella
Sheehy, Frances	Pella
Thomassen, Junella	Pella
VanDrimmelen, Adele	Pella

Verploeg, Andrew	Pella
Waechter, Clara	Pella
Warren, Helen	Pella

### Freshmen

Boyd, Joseph	Pella
Buerkens, Clarence	Pella
Byers, Carl	Sully
DenAdel, Edward	Pella
Dohrman, Minnie	Mt. Union
Grundman, Ruth	Pella
Frye, Gail	Kalona
Green, Thomas	Kalona
Hillyer, Loyde	Hiawatha, Kan.
Hillyer, Roy	Hiawatha, Kan.
Kuyper, Estelle	Pella
Kuyper, Helen	Pella
Phillips, Marie	Pella
Phillips, Ruth	Pella
Renaud, Gertrude	Pella
Reuvers, Leona	Pella
Smorenberg, Artie	Pella
VanderPloeg, Nicholas	Pella
VanNimwegen, Wilhelmina	Pella
VanZee, Jessie	Pella
VerPloeg, Edna	Pella
Wanamaker, Blanche	Smith Center, Kan.
Woody, Clarence	Harvey

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### ACADEMY

#### Fourth Year

Clifton, F. H.	Pella
Gregory, Ruth	Harvey
Lunt, Arloine	Taintor
Lunt, Gordon	Taintor
Schnug, Ruby	Reasnor

#### Third Year

Davis, Carroll	Attica
Murray, Joseph	Cedar Falls

Rodgers, John A.	West Chester
Terlouw, Joseph	Killduff
Hicks, Kenneth	Kalona

### Second Year

Baer, Will	Pella
Bailey, Harold	Pella
Boat, Marion	Pella
Bogard, Dave	Pella
Clifton, Mrs. F. H.	Pella
Coulston, W. J. Jr.	Pella
Creech, Oscar	Unionville
Loughran, Stephen	Pella
Reese, Thomas	Pella
VanHouwelingen, Gertrude	Otley

### First Year

Langerak, Lester	Pella
Veenstra, Harold	Pella
VerPloeg, Ralph	Pella

### SPECIAL

Hardenbrook, Elsie	Metz
Hitchler, Lela	Newton

### COMMERCIAL

Beck, Vernon	Kalona
Dieleman, Bess	Pella
Fennema, Catherine	Pella
DenAdel, Frank	Pella
Langerak, Will	Pella
Lowery, Mary	Pella
Lubbers, Martin	Pella
Neifert, Ruth	Hamilton
Pothovan, O. H.	New Sharon
Ryan, Sarah E.	Oskaloosa
Smorenberg, Kathryn	Pella
VanEmmerik, Cunera	Pella
VanDrimmelen, Max	Pella
Vogelaar, John	Pella
Weir, Rodney	Witten, S. D.

## SUMMER SCHOOL 1915

Aschenbrenner, Ruth	Pella
Barron, Nannie	Humeston
Brooks, Helen	Pella
Brooks, Lois	Pella
Burggraft, Mrs. Edith	Pella
Clifton, Fred	Pella
Cummings, Ina	Harvey
Dillon, Nannie	Pella
Donahue, Sybil	Cordova
Droz, Lelia	Monroe
Edmand, Henry	Pella
Fennema, Catherine	Pella
Gosselink, Jane	Pella
Hanna, Helen I.	Epworth
Hodgson, Mrs. Nellie	Pella
Hoksbergen, Lena	Pella
Lewis, Lorna	Monroe
Neyenesch, Helen	Pella
Phillips, Marie	Pella
Phillips, Ruth	Pella
Rodgers, John	Westchester
Ryals, Stella	Packwood
Schnug, Ruby	Reasnor
TerLouw, John	Pella
Top, Anna	Harvey
Ulrich, Bertha	Pella
VanEmmerick, Cunera	Pella
VandenBerg, Joe	Pella
VanderLinden, Anna	Pella
VanderLinden, Gradus	Pella
VanVark, Mabel	Pella
VanVeen, Hattie	Pella
VanZee, Pearl	Pella
VerHeul, Edna	Pella
Verrips, Laura	Pella
VerSteeg, Samuel	Pella
Warren, Mabel	Pella
Whitlatch, Lena	Attica
Wilson, Mary	Harvey

## MUSIC

Allen, Leonard	Tama
Bailey, Richard	Pella
Ballengee, Lenore	Pella
Boot, Mrs. M. N.	Pella
Brinkman, Gertrude	Pella
Byers, Carl	Sully
Clifton, Mrs. F. H.	Pella
Cochrane, Kathryn	Monroe
Cochrane, Lucile	Monroe
DeHaan, Delwyn	Pella
DeHaan, Raymond	Pella
DeHoog, Thelma	Pella
DenBurger, Bertha	Pella
Gaass, Lucile	Pella
Gladstone, Ardelia	Pella
Glantz, Esther	Mt. Union
Grant, Edna	Pella
Halbert, Verna	Pella
Hardenbrook, Georgia	Metz
Hillyer, Loyde	Hiawatha, Kan.
Hillyer, Roy	Hiawatha, Kan.
Hussey, Charlotte	Ellis, Kan.
James, Glen	Pella
Jelsma, Mercedes	Pella
Jones, Mabel	Des Moines
Klein, Gertrude	Pella
McIntire, Ralph D.	Manchester, Ohio
Mitten, Charles	Pella
Mowe, James	Pella
Mowe, Mildred	Pella
Onstine, Will	Pella
Phillips, Marie	Pella
Reerink, Dora	Pella
Rietveld, Elizabeth	Pella
Roach, Lloyd	Tama
Sheehy, Frances	Pella
Thomassen, Alice	Pella
Thompson, Eleanor	Casey
Tysseling, Anna	Pella



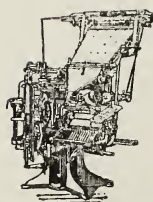
VanBaren, Sarah	-----	Monroe
VandeVoort, Margaret	-----	Pella
VanDonselaar, Mabel	-----	Pella
VanNiewaal, Lucile	-----	Pella
VerPloeg, Cora	-----	Pella
Waechter, Donald	-----	Pella
Wanamaker, Blanche	-----	Smith Center, Kans.
White, Hazel	-----	Grand Junction, Colo.

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SUMMARY

College	-----	60
Academy	-----	25
Commercial	-----	15
Summer School	-----	55
Music	-----	47
		-----
Total	-----	202
Counted Twice	-----	41
		-----
Net total	-----	161





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